

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016374.D
 Acq On : 15 Nov 2023 18:17
 Operator : SY/MD
 Sample : 05425-09MS
 Misc : 8.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 O-5(5-10)MS

Quant Time: Nov 16 00:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	115389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	189764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55963	53.065	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.140%			
35) Dibromofluoromethane	7.734	113	59590	55.279	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.560%			
50) Toluene-d8	10.191	98	230256	52.673	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.340%			
62) 4-Bromofluorobenzene	12.495	95	74595	52.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54381	48.131	ug/l	99
3) Chloromethane	2.125	50	63291	47.831	ug/l	97
4) Vinyl Chloride	2.259	62	68016	47.802	ug/l	97
5) Bromomethane	2.668	94	44898	48.015	ug/l	99
6) Chloroethane	2.808	64	45246	49.834	ug/l	99
7) Trichlorofluoromethane	3.143	101	104311	50.389	ug/l	97
8) Diethyl Ether	3.546	74	31219	50.459	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	62873	50.426	ug/l	96
10) Methyl Iodide	4.113	142	67741	50.305	ug/l	99
11) Tert butyl alcohol	4.978	59	16451	199.203	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	58498	50.168	ug/l	88
13) Acrolein	3.747	56	16231	162.943	ug/l	99
14) Allyl chloride	4.503	41	82016	49.565	ug/l #	93
15) Acrylonitrile	5.186	53	60485	246.342	ug/l	98
16) Acetone	3.960	43	46755	268.020	ug/l	92
17) Carbon Disulfide	4.216	76	170608	48.493	ug/l	99
18) Methyl Acetate	4.497	43	49720	53.638	ug/l #	88
19) Methyl tert-butyl Ether	5.247	73	142557	50.513	ug/l	98
20) Methylene Chloride	4.741	84	76098	62.630	ug/l	89
21) trans-1,2-Dichloroethene	5.247	96	69189	51.535	ug/l	90
22) Diisopropyl ether	6.137	45	185827	52.110	ug/l	88
23) Vinyl Acetate	6.082	43	393779	227.891	ug/l #	93
24) 1,1-Dichloroethane	6.039	63	115942	52.701	ug/l	97
25) 2-Butanone	7.002	43	70788	231.674	ug/l #	89
26) 2,2-Dichloropropane	7.002	77	103027	51.455	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	76822	53.095	ug/l	90
28) Bromochloromethane	7.356	49	45029	55.304	ug/l	88
29) Tetrahydrofuran	7.368	42	48107	238.202	ug/l	88
30) Chloroform	7.527	83	123854	54.086	ug/l	95
31) Cyclohexane	7.801	56	96454	46.454	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	111127	52.940	ug/l	97
36) 1,1-Dichloropropene	7.935	75	93049	49.711	ug/l	98
37) Ethyl Acetate	7.094	43	34931	46.187	ug/l #	96
38) Carbon Tetrachloride	7.917	117	101346	52.168	ug/l	98
39) Methylcyclohexane	9.197	83	109978	47.152	ug/l	91
40) Benzene	8.179	78	287672	54.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	20543	53.871	ug/l	92
42) 1,2-Dichloroethane	8.252	62	71334	52.351	ug/l	93
43) Isopropyl Acetate	8.289	43	67924	46.462	ug/l #	89
44) Trichloroethene	8.953	130	76693	50.743	ug/l	95
45) 1,2-Dichloropropane	9.228	63	66097	52.334	ug/l	96
46) Dibromomethane	9.319	93	35811	52.324	ug/l	96
47) Bromodichloromethane	9.508	83	93844	53.334	ug/l	97
48) Methyl methacrylate	9.301	41	38579	47.749	ug/l #	84
49) 1,4-Dioxane	9.307	88	6109	840.762	ug/l #	50
51) 4-Methyl-2-Pentanone	10.081	43	174066	235.460	ug/l	90
52) Toluene	10.258	92	172300	51.830	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	87833	51.493	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	105947	52.003	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	49359	52.324	ug/l	97
56) Ethyl methacrylate	10.520	69	44600	50.086	ug/l #	84
57) 1,3-Dichloropropane	10.800	76	83002	51.619	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	153749	254.635	ug/l	93
59) 2-Hexanone	10.843	43	116825	212.456	ug/l	88
60) Dibromochloromethane	10.996	129	63949	54.204	ug/l	100
61) 1,2-Dibromoethane	11.099	107	46186	51.391	ug/l	99
64) Tetrachloroethene	10.733	164	74945	49.358	ug/l	97
65) Chlorobenzene	11.526	112	183445	50.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	69860	52.425	ug/l	98
67) Ethyl Benzene	11.605	91	330855	50.955	ug/l	98
68) m/p-Xylenes	11.715	106	255991	103.944	ug/l	95
69) o-Xylene	12.038	106	118671	51.899	ug/l	96
70) Styrene	12.056	104	170694	52.134	ug/l	98
71) Bromoform	12.221	173	35599	51.484	ug/l #	100
73) Isopropylbenzene	12.343	105	326504	51.663	ug/l	99
74) N-amyl acetate	12.154	43	52626	41.456	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.593	83	49570	48.880	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	36818m	49.177	ug/l	
77) Bromobenzene	12.617	156	72398	50.685	ug/l	93
78) n-propylbenzene	12.684	91	368327	49.315	ug/l	99
79) 2-Chlorotoluene	12.770	91	205449	49.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	258522	50.736	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	16356	47.420	ug/l	90
82) 4-Chlorotoluene	12.867	91	211543	49.738	ug/l	99
83) tert-Butylbenzene	13.087	119	222799	49.642	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	253956	50.617	ug/l	99
85) sec-Butylbenzene	13.263	105	313283	48.860	ug/l	100
86) p-Isopropyltoluene	13.379	119	271424	49.161	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	137473	50.026	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	134026	49.905	ug/l	99
89) n-Butylbenzene	13.709	91	246012	48.249	ug/l	96
90) Hexachloroethane	13.971	117	54750	51.407	ug/l	87
91) 1,2-Dichlorobenzene	13.751	146	118829	50.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7012	43.459	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	64455	46.893	ug/l	98
94) Hexachlorobutadiene	15.123	225	33350	42.351	ug/l	95
95) Naphthalene	15.245	128	191377	77.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	52330	46.030	ug/l	99

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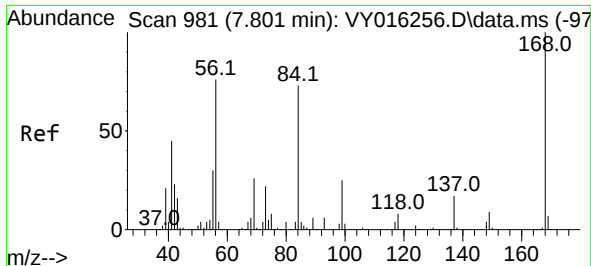
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

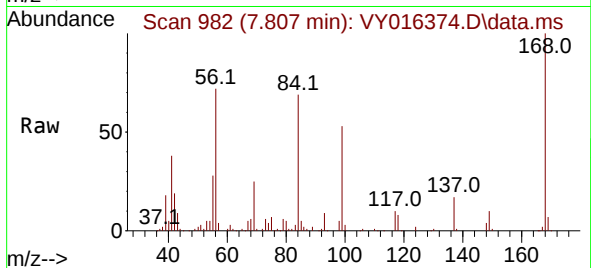
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016374.D
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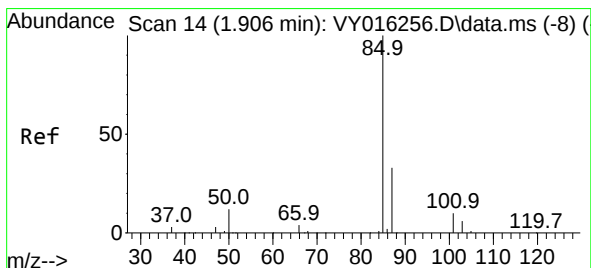
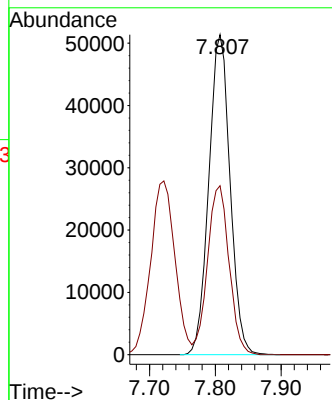
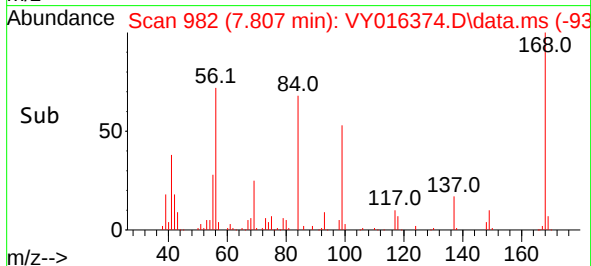
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion:168 Resp: 115389
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0

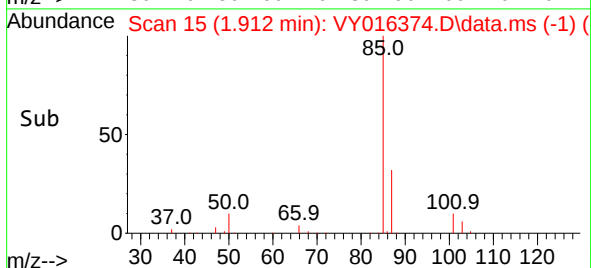
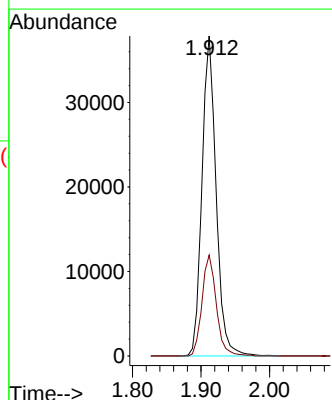
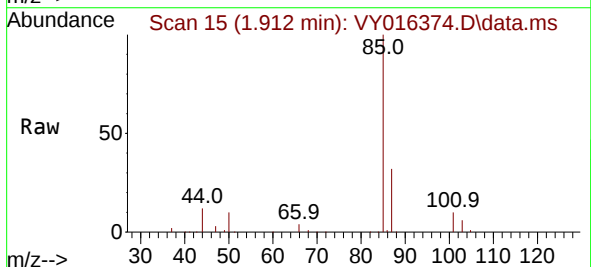
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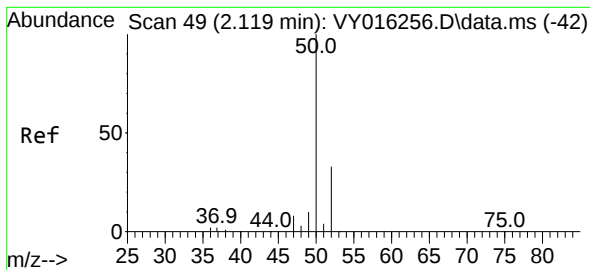
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#2
Dichlorodifluoromethane
Concen: 48.131 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 85 Resp: 54381
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8





#3

Chloromethane

Concen: 47.831 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 50 Resp: 6329

Ion Ratio Lower Upper

50 100

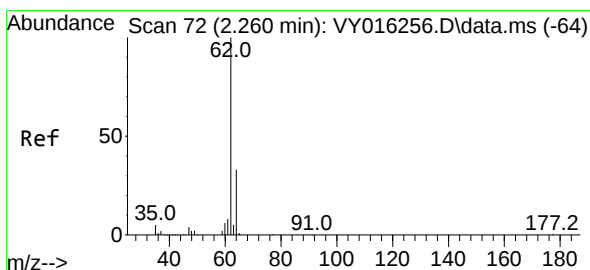
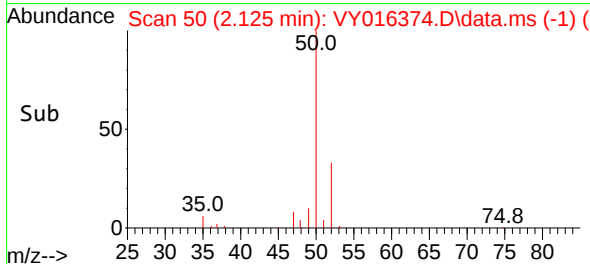
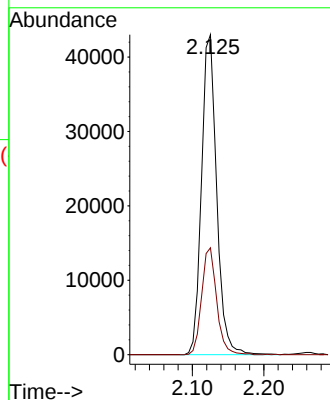
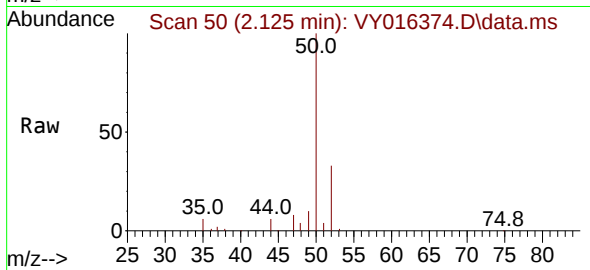
52 33.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#4

Vinyl Chloride

Concen: 47.802 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016374.D

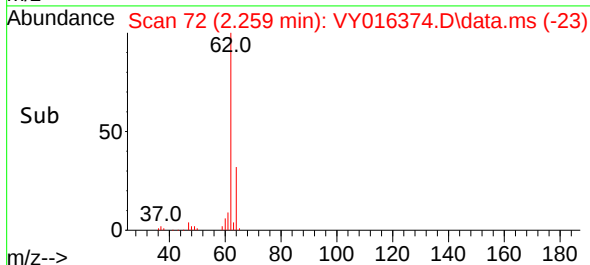
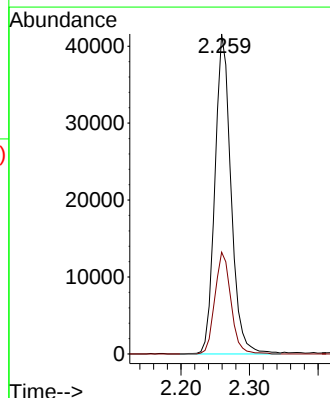
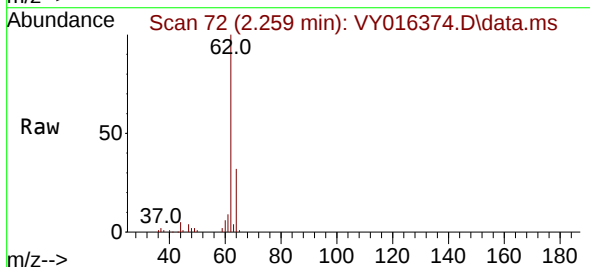
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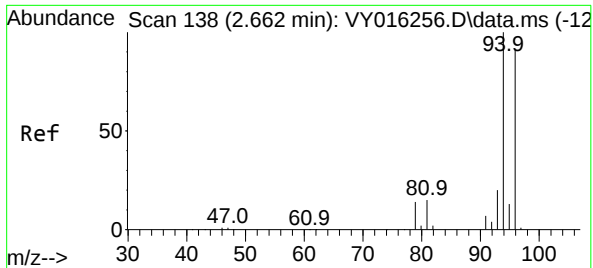
Tgt Ion: 62 Resp: 68016

Ion Ratio Lower Upper

62 100

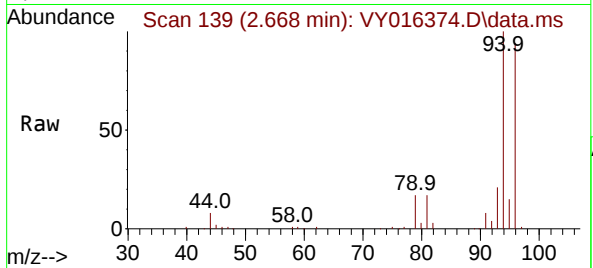
64 31.8 24.3 36.5





#5
Bromomethane
Concen: 48.015 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

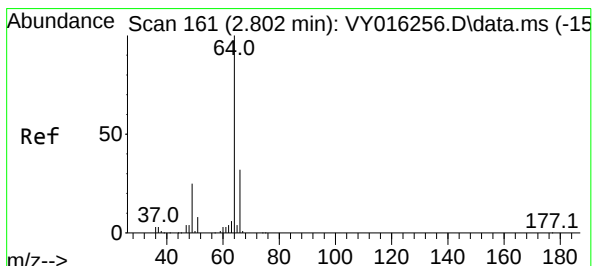
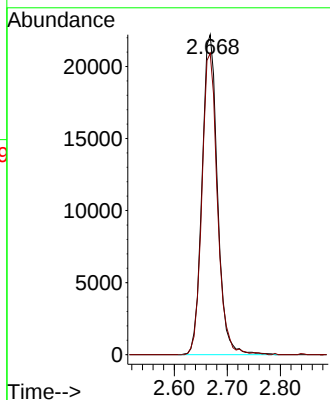
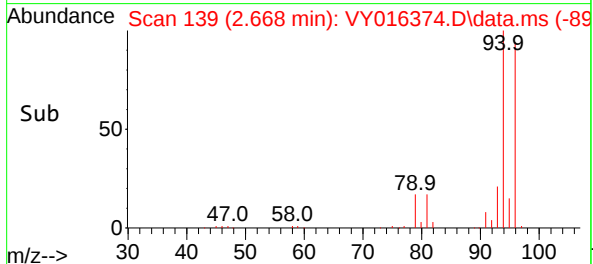
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Tgt Ion: 94 Resp: 44898
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.6

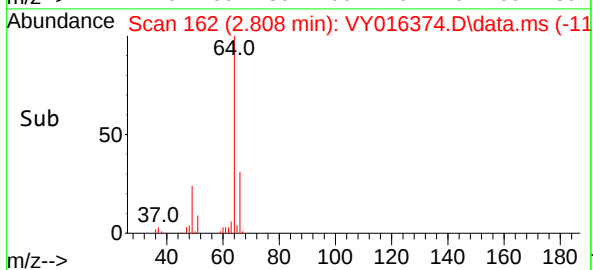
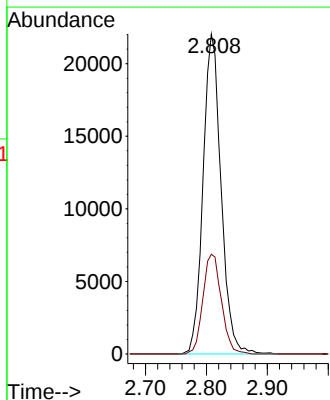
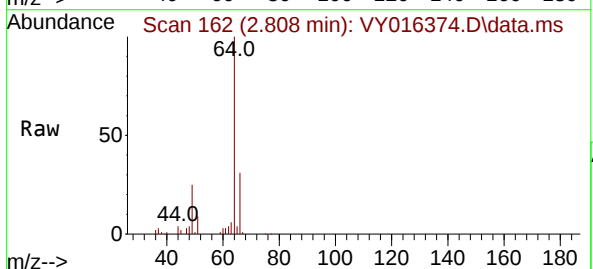
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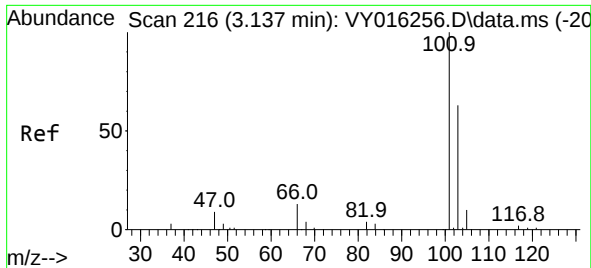
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#6
Chloroethane
Concen: 49.834 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

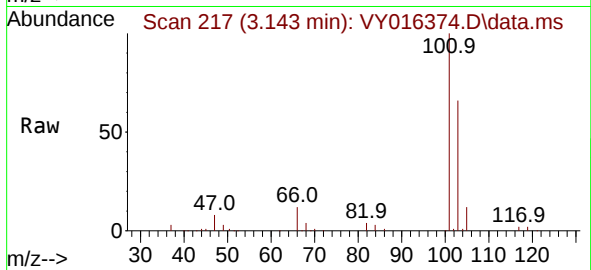
Tgt Ion: 64 Resp: 45246
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 50.389 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

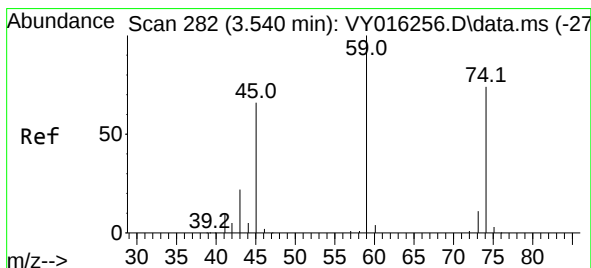
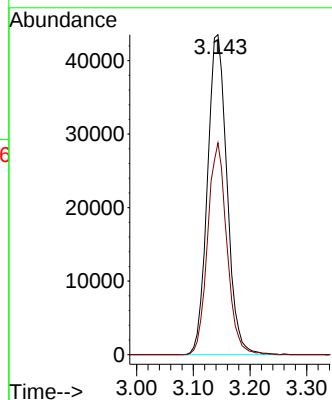
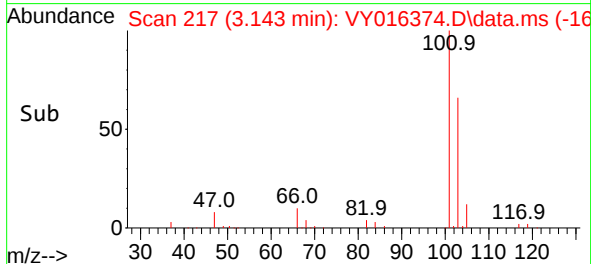
Instrument :
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O-5(5-10)MS



Tgt Ion:101 Resp: 10431
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0

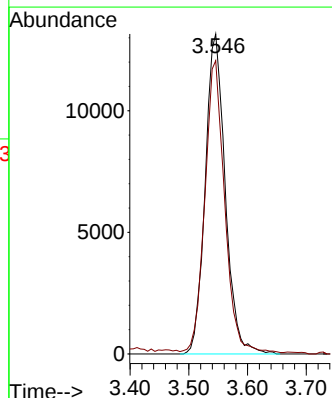
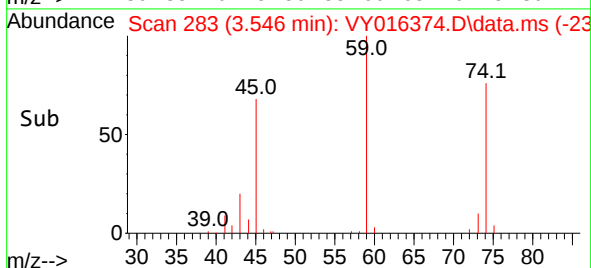
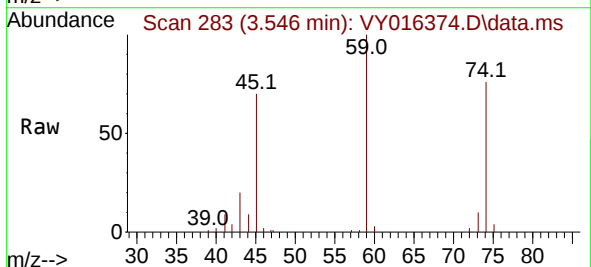
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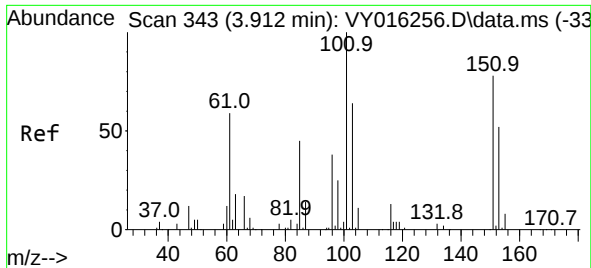
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#8
Diethyl Ether
Concen: 50.459 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 74 Resp: 31219
Ion Ratio Lower Upper
74 100
45 89.9 51.5 154.5





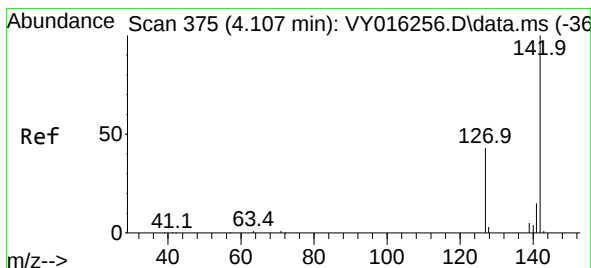
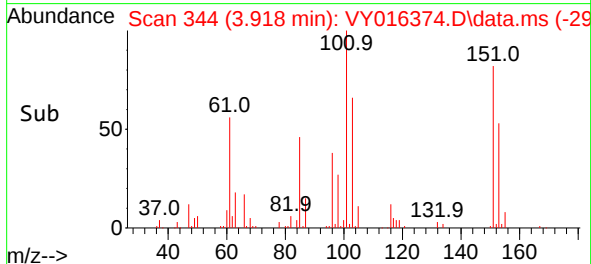
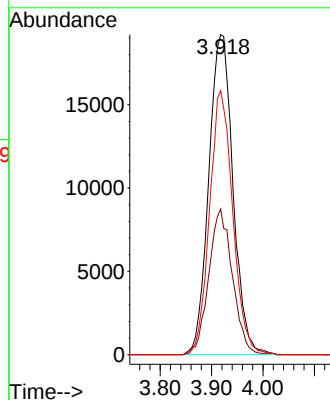
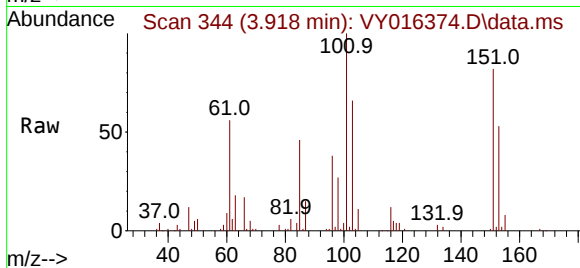
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.426 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS

Tgt Ion:101 Resp: 6287
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 79.0 67.0 100.6

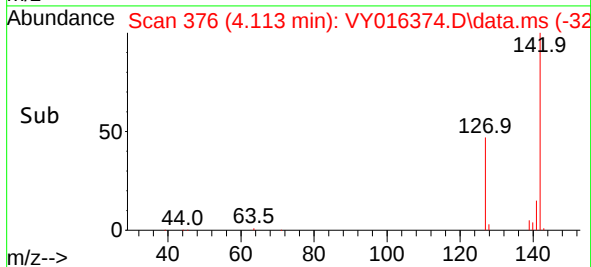
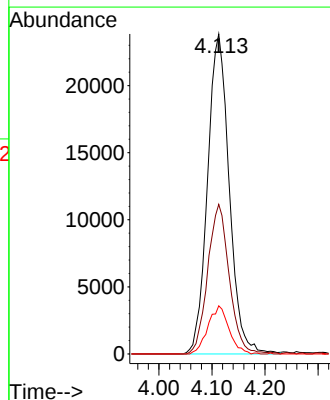
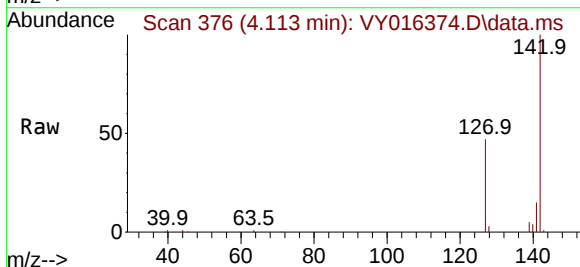
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#10
Methyl Iodide
Concen: 50.305 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion:142 Resp: 67741
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 14.6 11.8 17.8





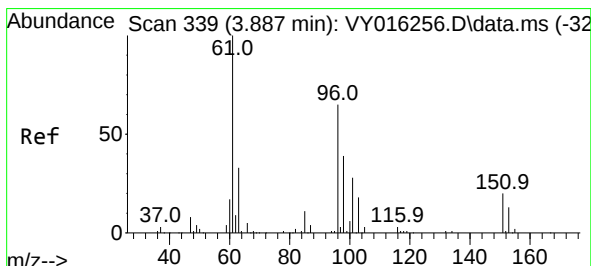
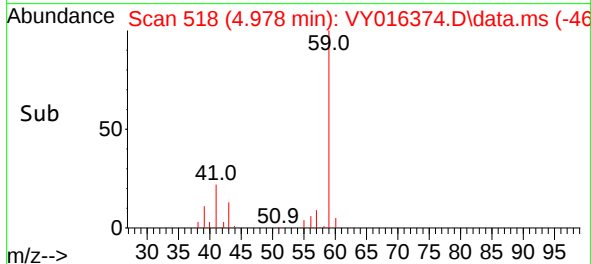
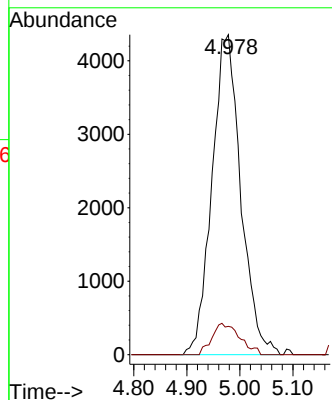
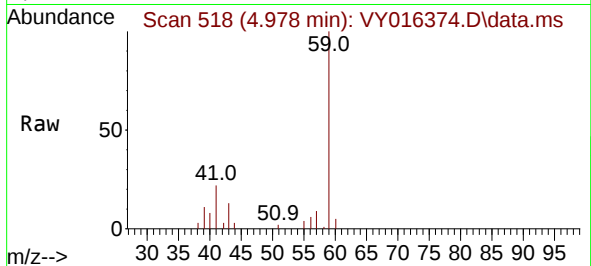
#11
Tert butyl alcohol
Concen: 199.203 ug/l
RT: 4.978 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS

Tgt Ion: 59 Resp: 1645
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4

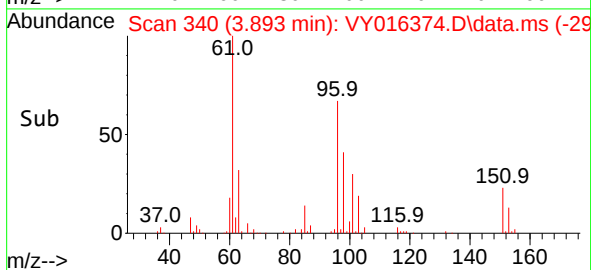
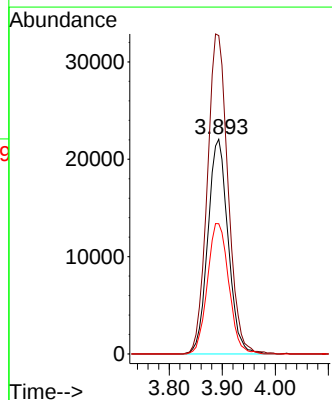
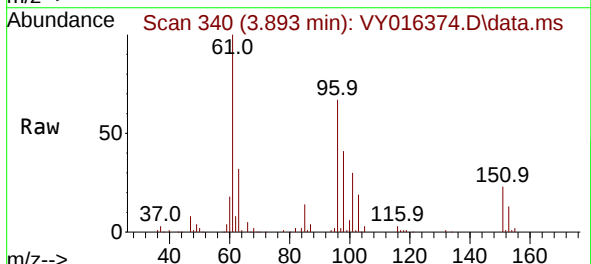
Manual Integrations
APPROVED

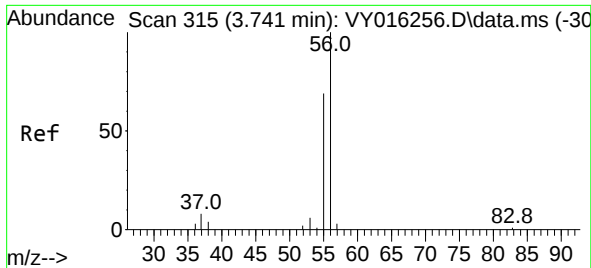
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#12
1,1-Dichloroethene
Concen: 50.168 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 96 Resp: 58498
Ion Ratio Lower Upper
96 100
61 148.3 136.4 204.6
98 60.6 49.4 74.2





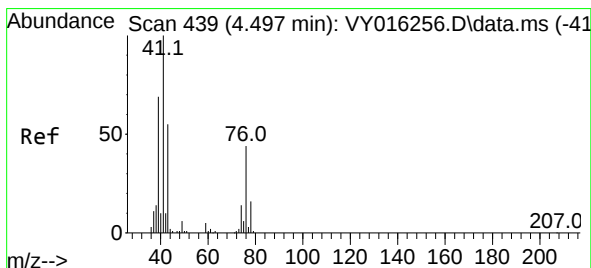
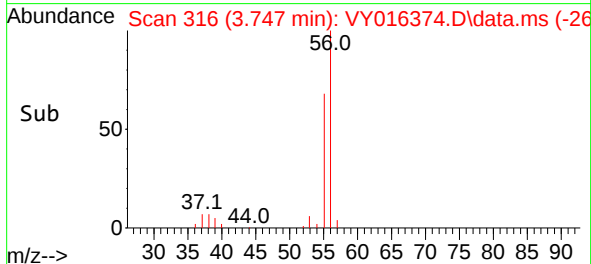
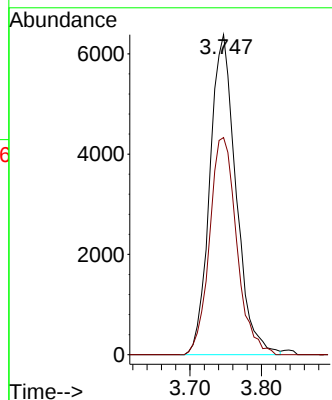
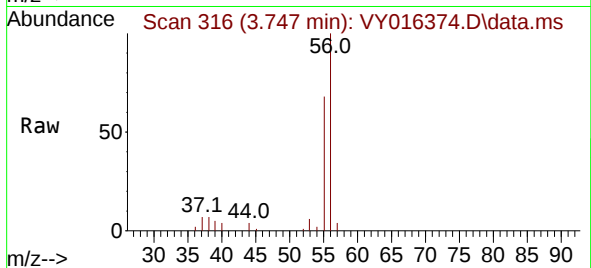
#13
Acrolein
Concen: 162.943 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS

Tgt Ion: 56 Resp: 1623
Ion Ratio Lower Upper
56 100
55 70.4 57.0 85.4

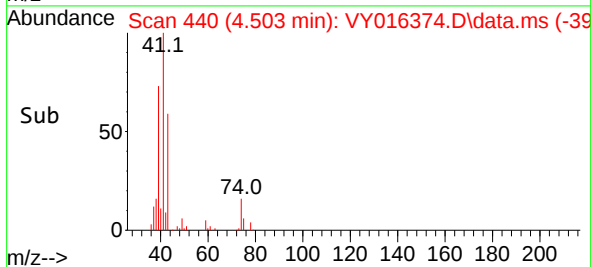
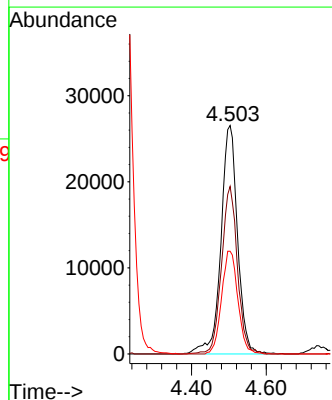
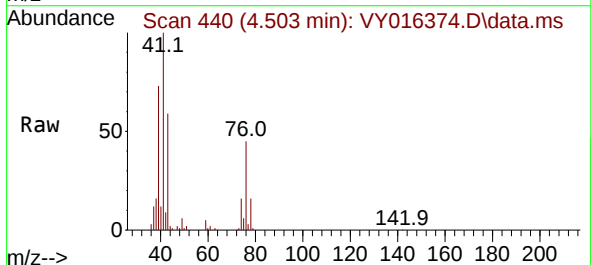
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#14
Allyl chloride
Concen: 49.565 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

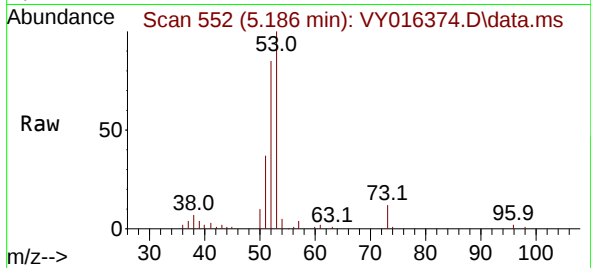
Tgt Ion: 41 Resp: 82016
Ion Ratio Lower Upper
41 100
39 70.3 58.0 87.0
76 44.0 27.4 41.2#





#15
Acrylonitrile
Concen: 246.342 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

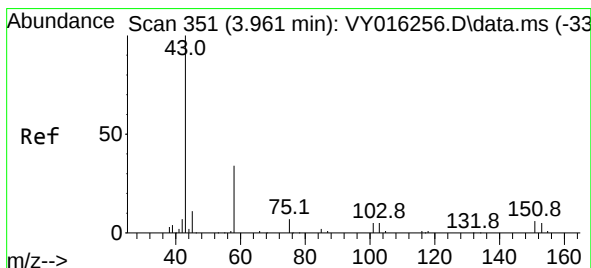
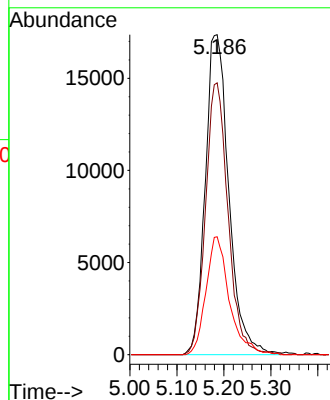
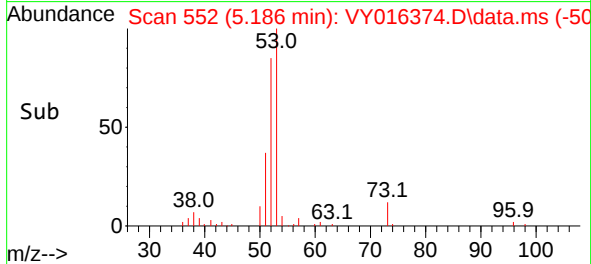
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 53 Resp: 6048
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 36.6 29.8 44.6

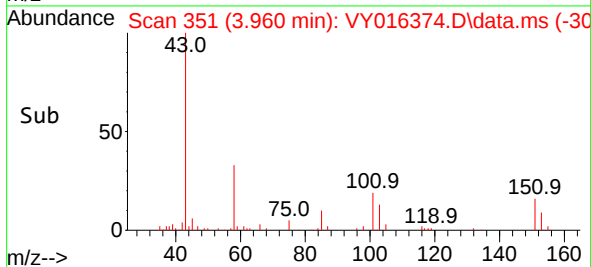
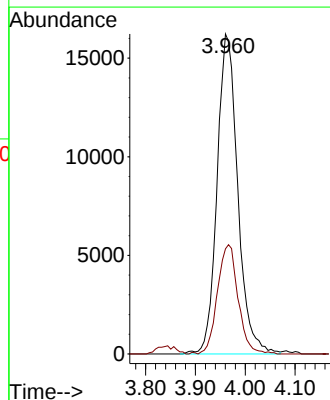
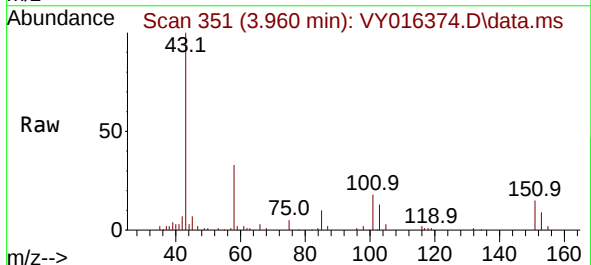
Manual Integrations
APPROVED

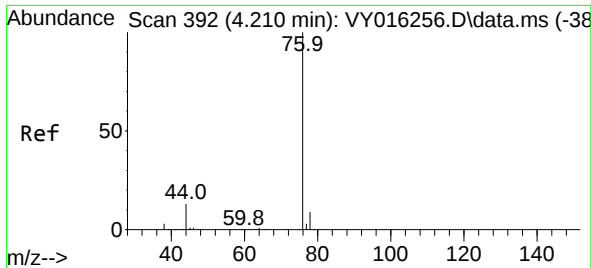
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#16
Acetone
Concen: 268.020 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

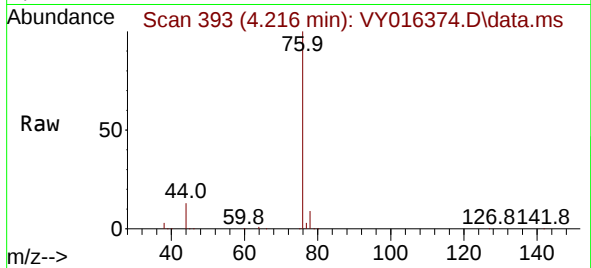
Tgt Ion: 43 Resp: 46755
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1





#17
Carbon Disulfide
Concen: 48.493 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

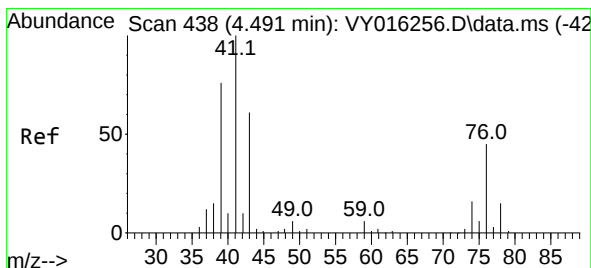
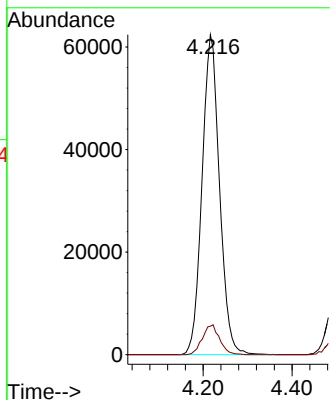
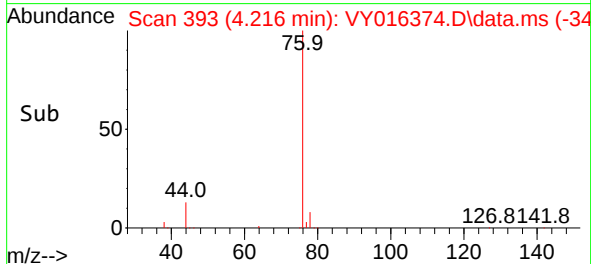
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 76 Resp: 170608
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

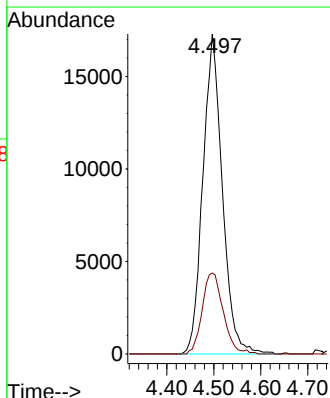
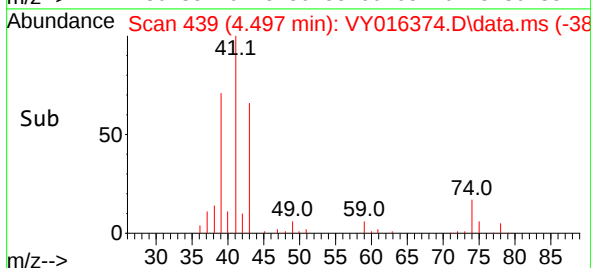
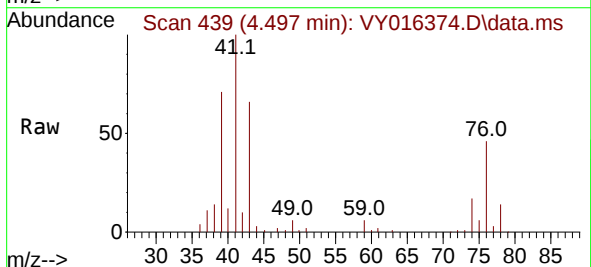
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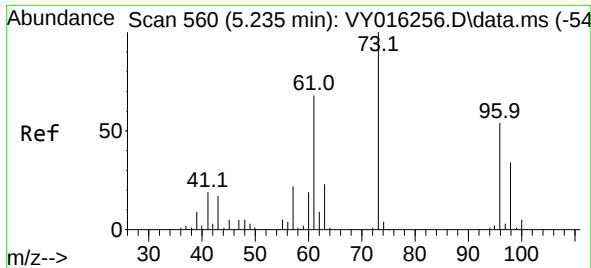
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#18
Methyl Acetate
Concen: 53.638 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

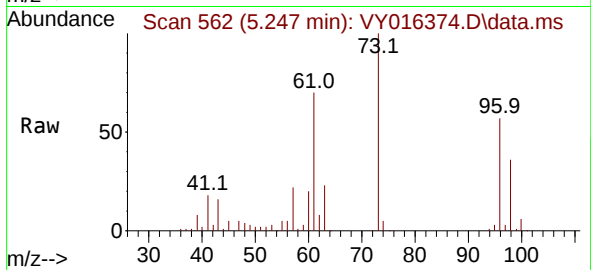
Tgt Ion: 43 Resp: 49720
Ion Ratio Lower Upper
43 100
74 27.3 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 50.513 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

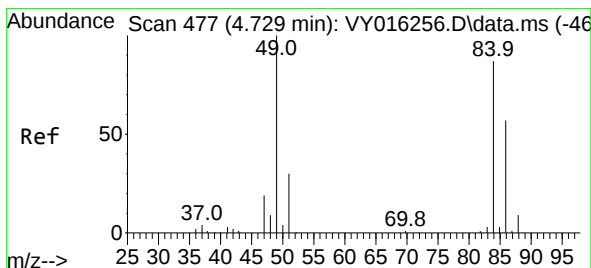
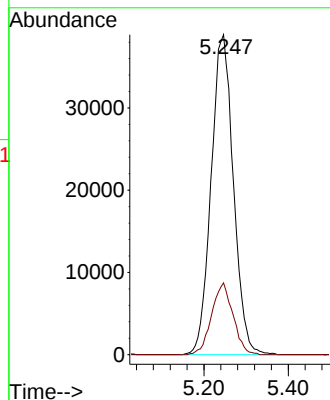
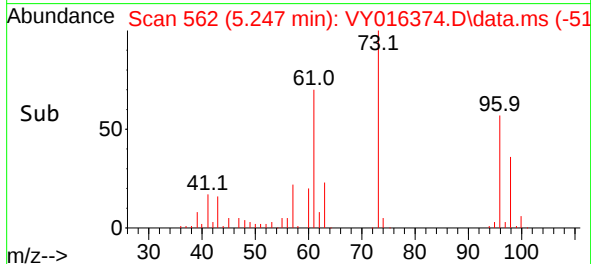
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 73 Resp: 14255
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

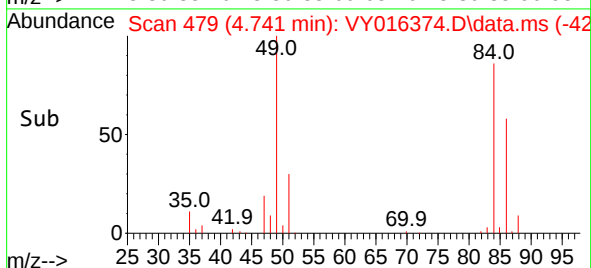
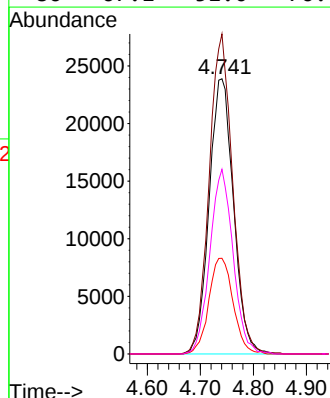
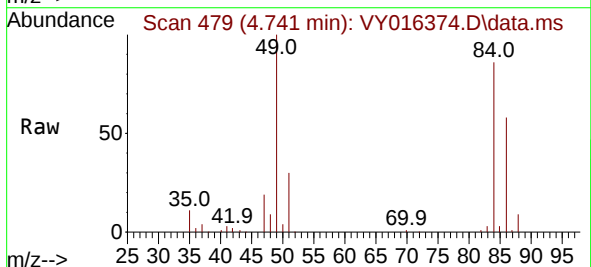
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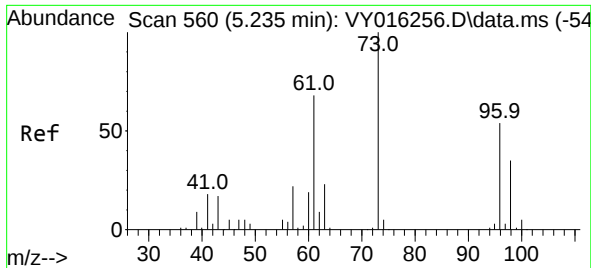
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#20
Methylene Chloride
Concen: 62.630 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

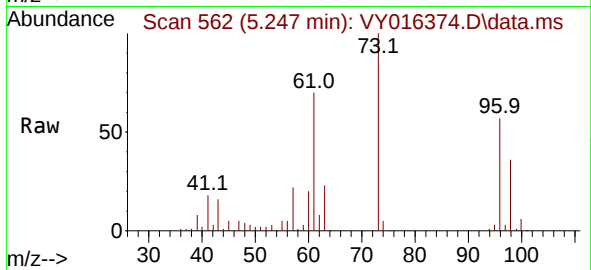
Tgt Ion: 84 Resp: 76098
Ion Ratio Lower Upper
84 100
49 116.3 106.9 160.3
51 34.8 33.2 49.8
86 67.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 51.535 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.012 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

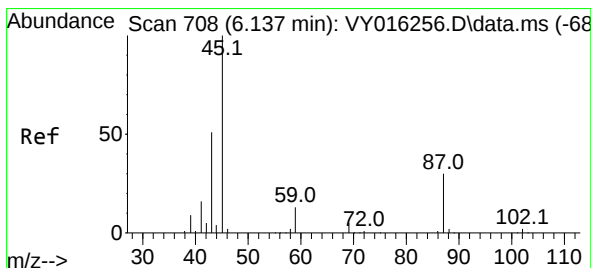
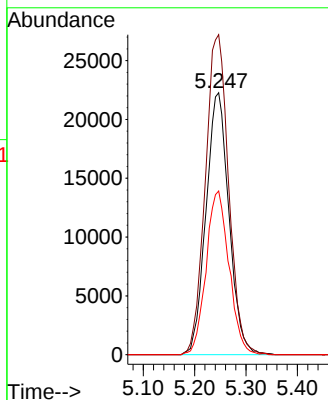
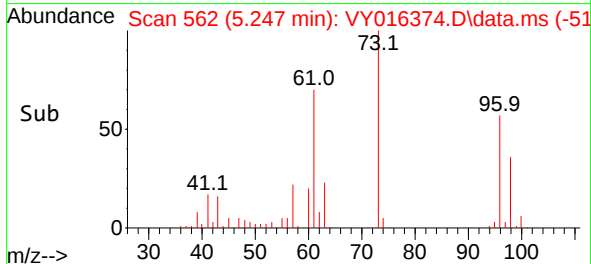
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 96 Resp: 69189
Ion Ratio Lower Upper
96 100
61 122.2 110.2 165.4
98 62.5 51.8 77.6

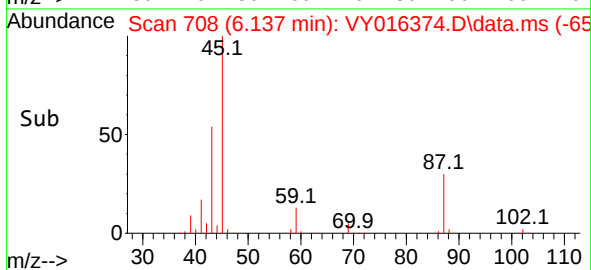
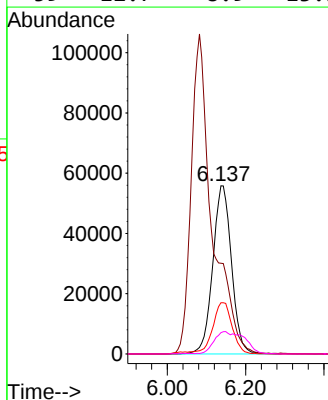
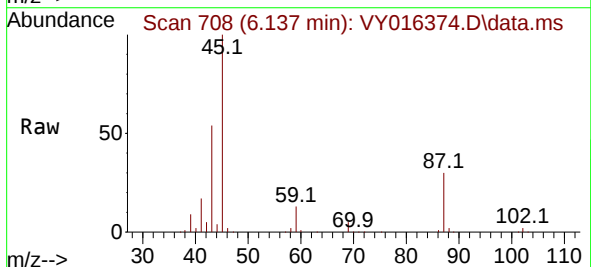
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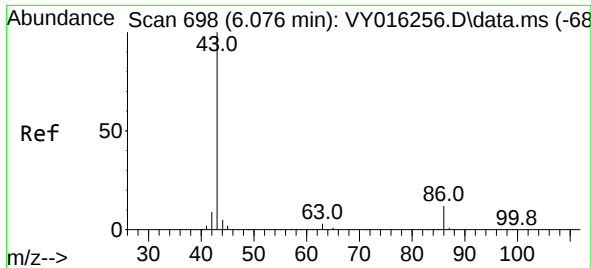
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#22
Diisopropyl ether
Concen: 52.110 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 45 Resp: 185827
Ion Ratio Lower Upper
45 100
43 53.6 52.2 78.4
87 30.5 21.0 31.6
59 12.7 8.9 13.3





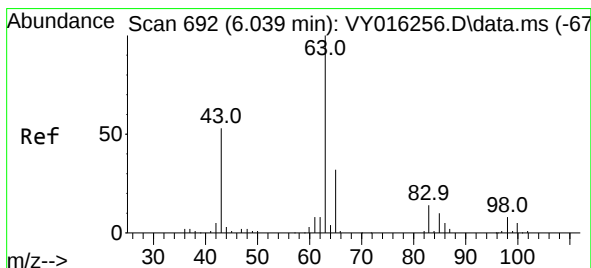
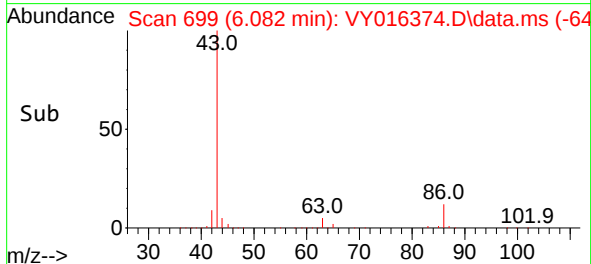
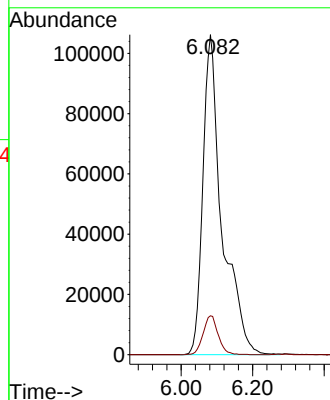
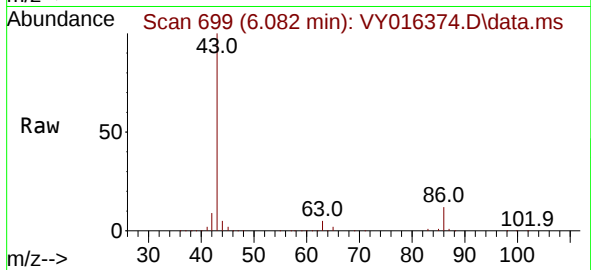
#23
 Vinyl Acetate
 Concen: 227.891 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 O-5(5-10)MS

Tgt Ion: 43 Resp: 393779
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

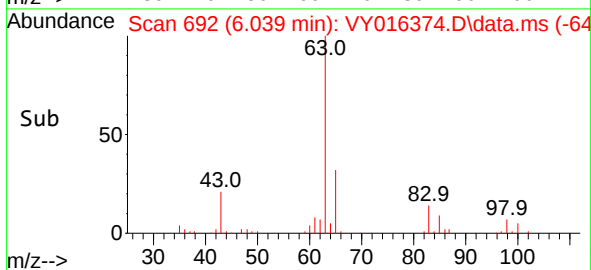
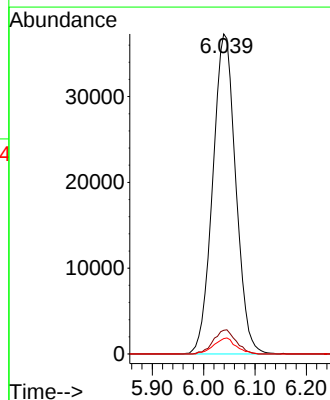
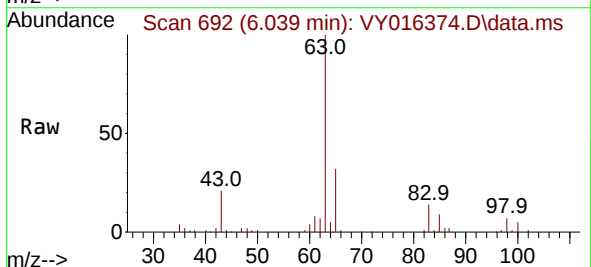
Manual Integrations
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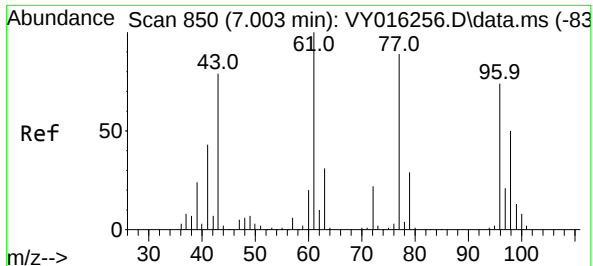
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#24
 1,1-Dichloroethane
 Concen: 52.701 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

Tgt Ion: 63 Resp: 115942
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 231.674 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 43 Resp: 7078

Ion Ratio Lower Upper

43 100

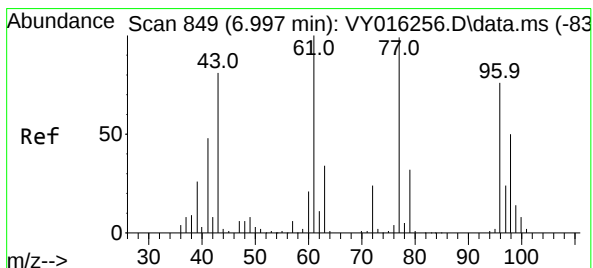
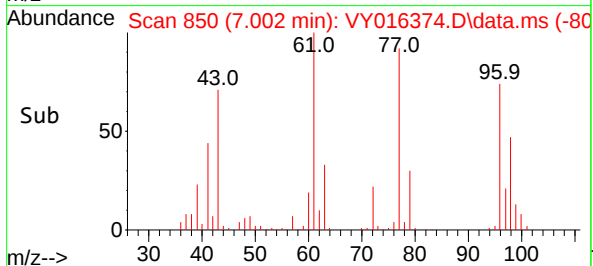
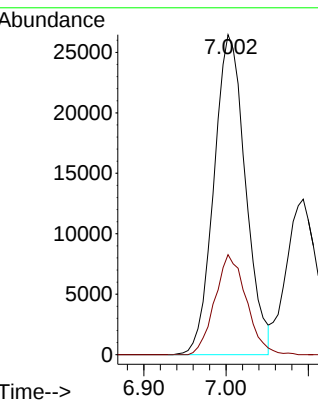
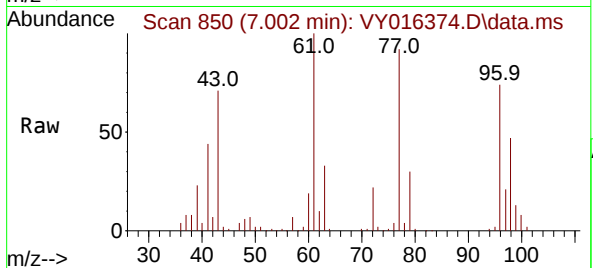
72 31.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#26

2,2-Dichloropropane

Concen: 51.455 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016374.D

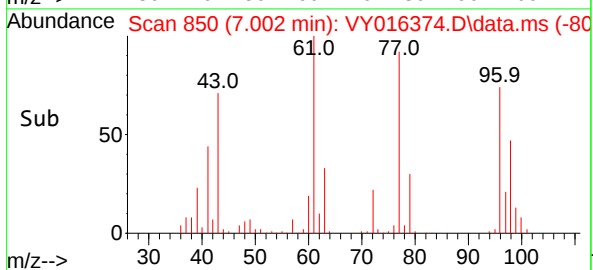
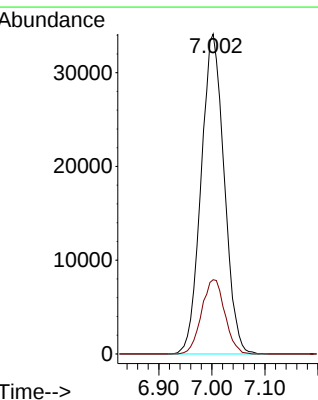
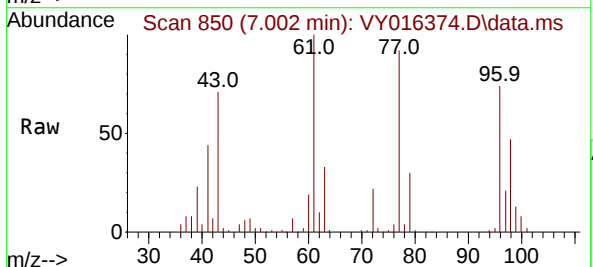
Acq: 15 Nov 2023 18:17

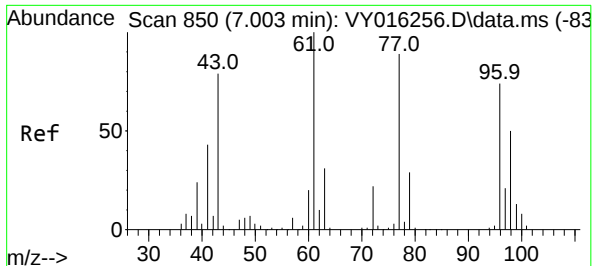
Tgt Ion: 77 Resp: 103027

Ion Ratio Lower Upper

77 100

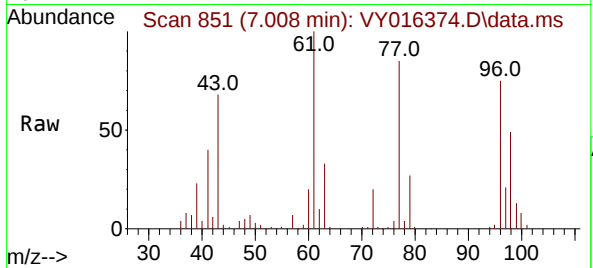
97 23.4 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.095 ug/l
 RT: 7.008 min Scan# 851
 Delta R.T. 0.006 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

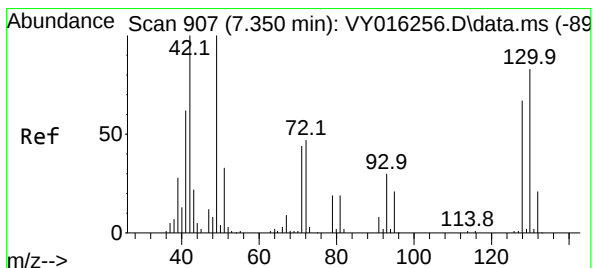
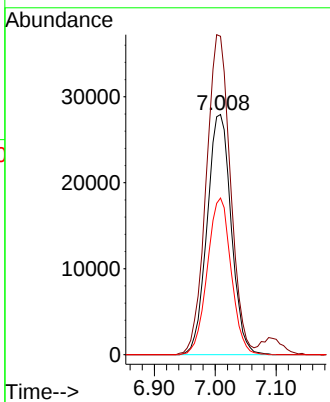
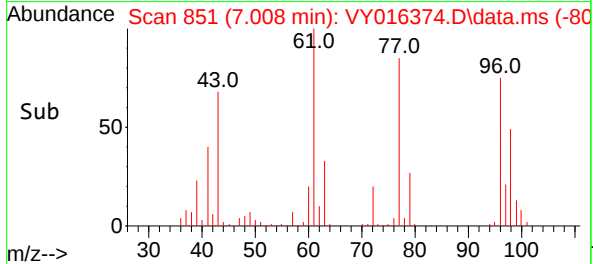
Instrument :
 MSVOA_Y
 ClientSampleId :
 O-5(5-10)MS



Tgt Ion: 96 Resp: 7682
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 301.4
 98 64.3 0.0 130.4

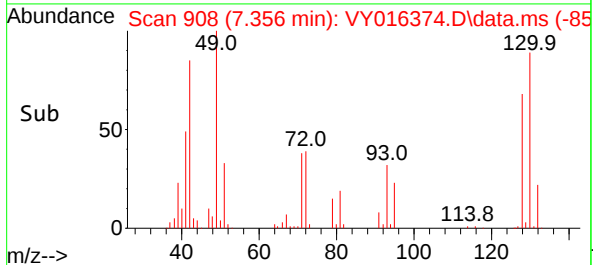
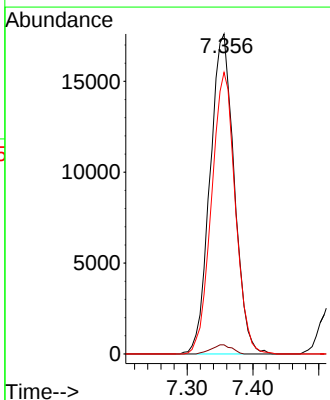
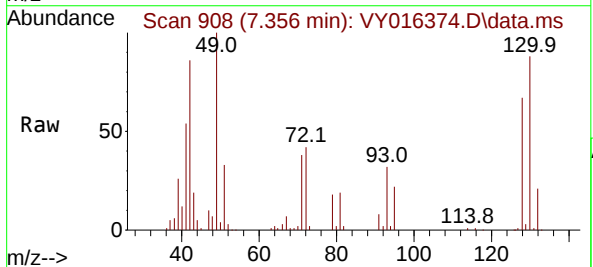
Manual Integrations
 APPROVED

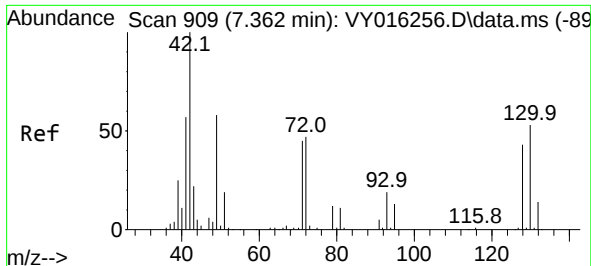
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#28
 Bromochloromethane
 Concen: 55.304 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

Tgt Ion: 49 Resp: 45029
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 86.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 238.202 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

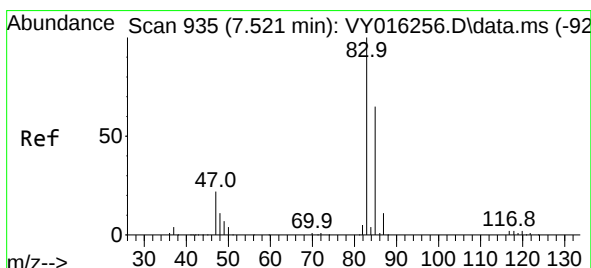
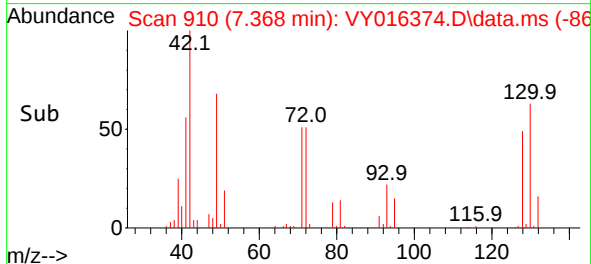
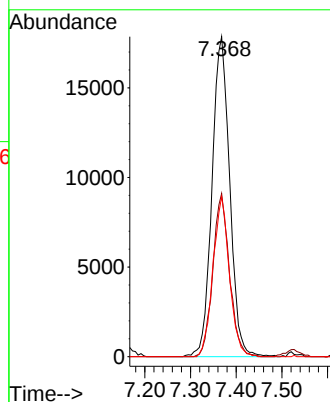
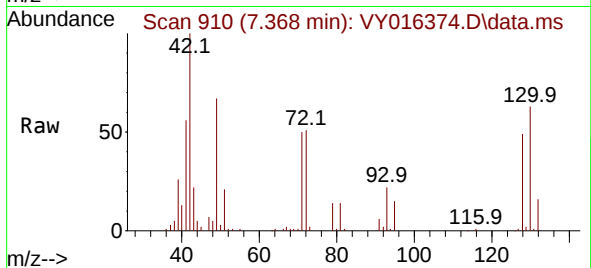
O-5(5-10)MS

Tgt Ion:	42	Resp:	4810
Ion Ratio	Lower	Upper	
42	100		
72	47.9	32.8	49.2
71	46.4	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#30

Chloroform

Concen: 54.086 ug/l

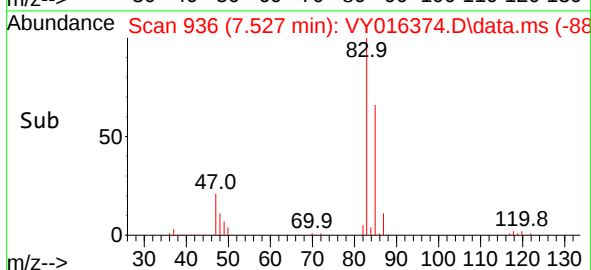
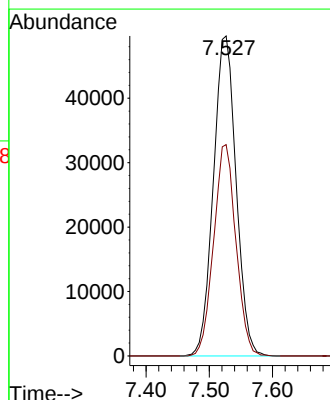
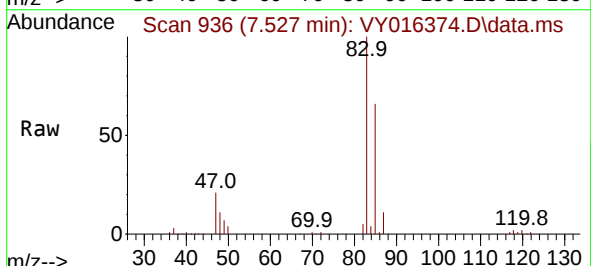
RT: 7.527 min Scan# 936

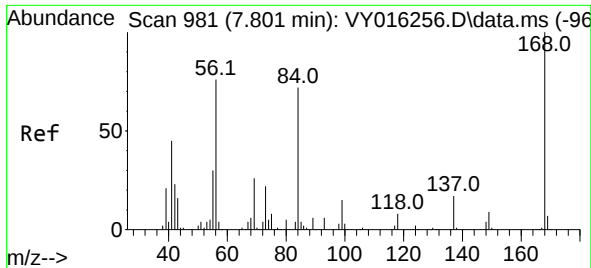
Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

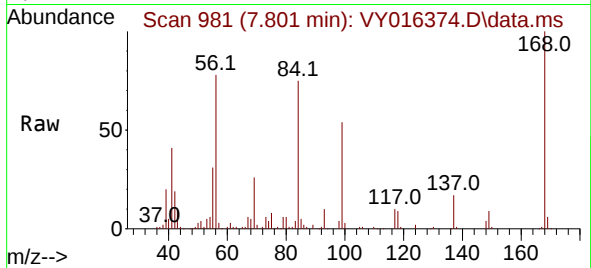
Tgt Ion:	83	Resp:	123854
Ion Ratio	Lower	Upper	
83	100		
85	66.0	49.7	74.5





#31
Cyclohexane
Concen: 46.454 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

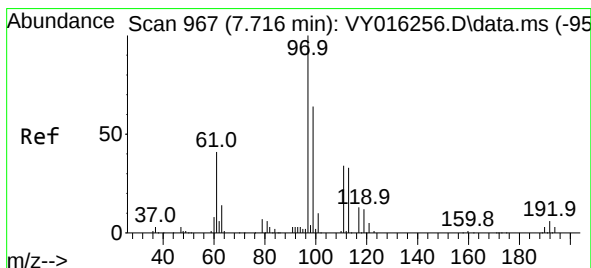
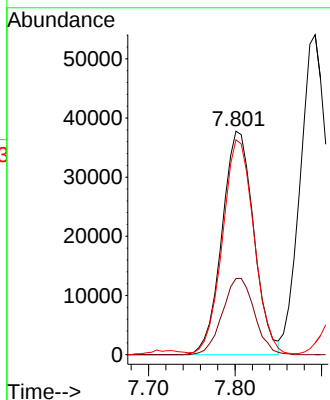
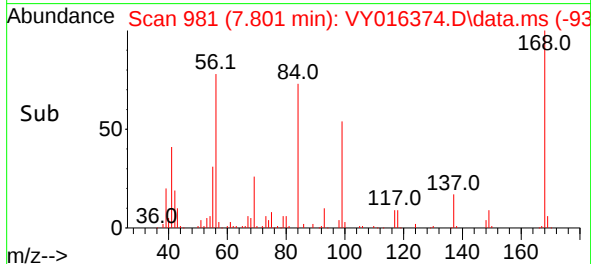
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



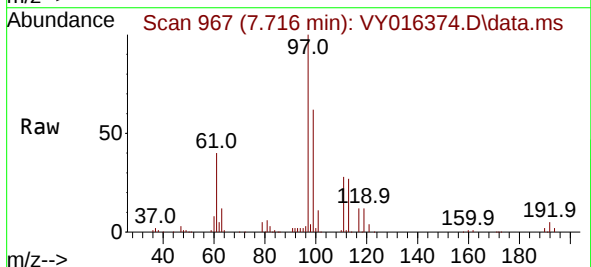
Tgt Ion: 56 Resp: 96454
Ion Ratio Lower Upper
56 100
69 34.1 27.8 41.6
84 94.8 66.4 99.6

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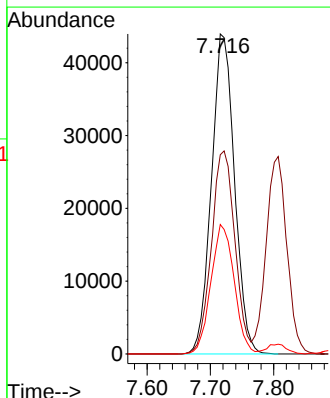
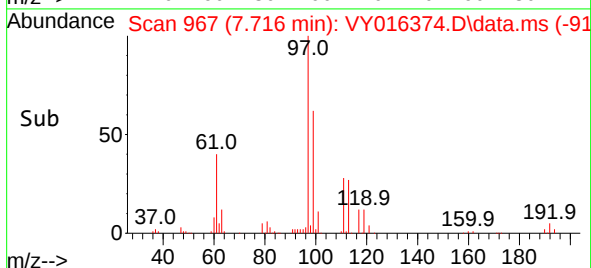
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

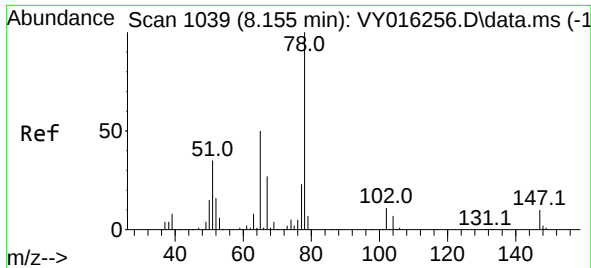


#32
1,1,1-Trichloroethane
Concen: 52.940 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



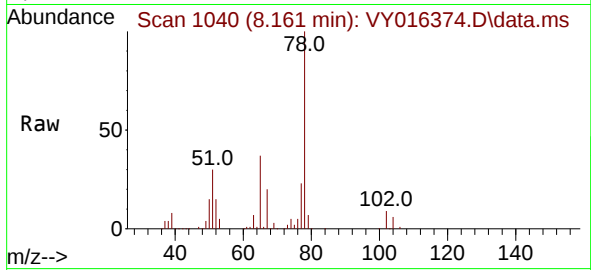
Tgt Ion: 97 Resp: 111127
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 40.8 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 53.065 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

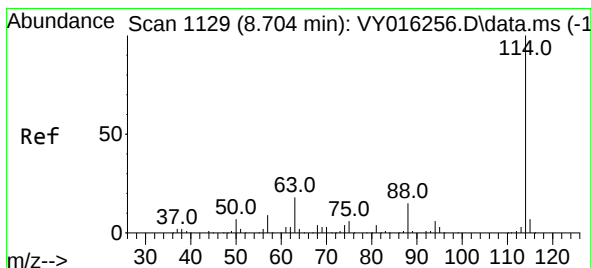
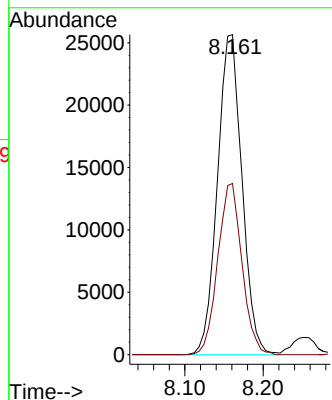
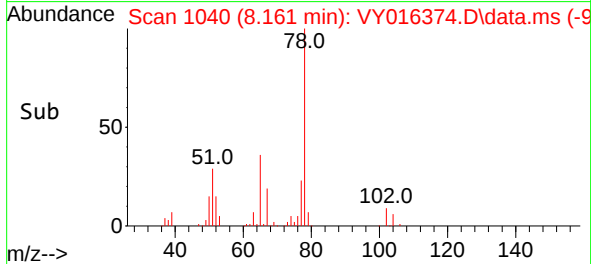
Instrument :
 MSVOA_Y
 ClientSampleId :
 O-5(5-10)MS



Tgt Ion: 65 Resp: 5596
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8

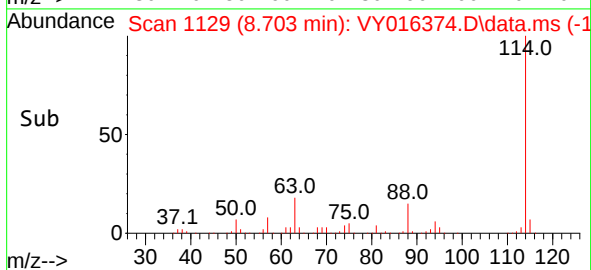
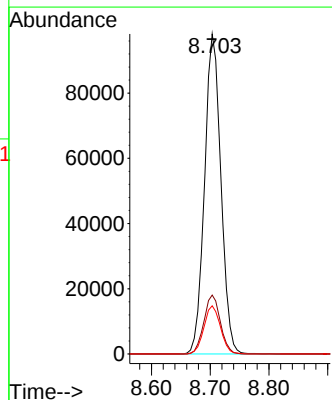
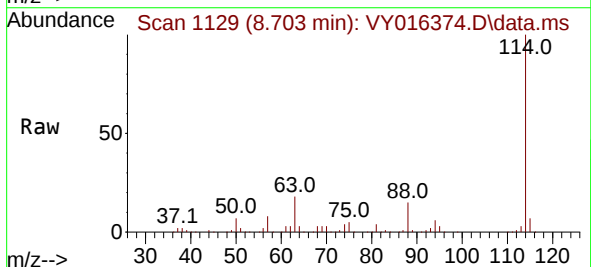
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

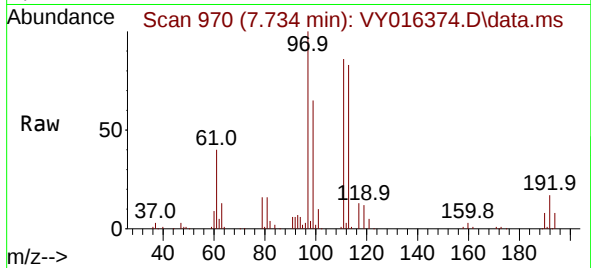
Tgt Ion:114 Resp: 189764
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.279 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

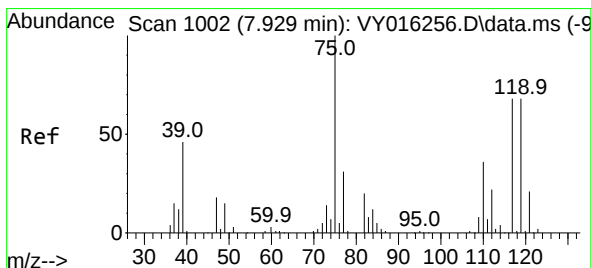
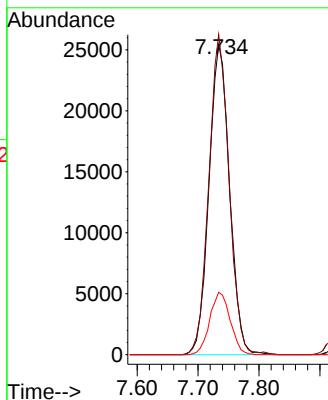
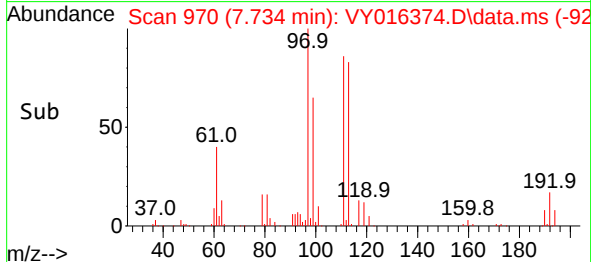
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



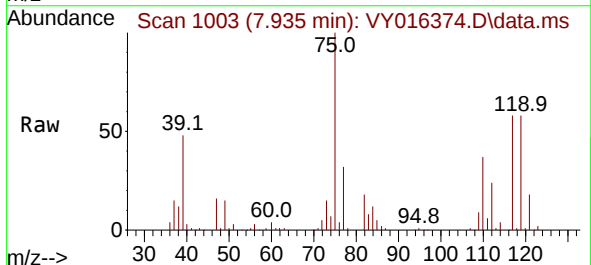
Tgt Ion:113 Resp: 59590
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.0 16.9 25.3

Manual Integrations
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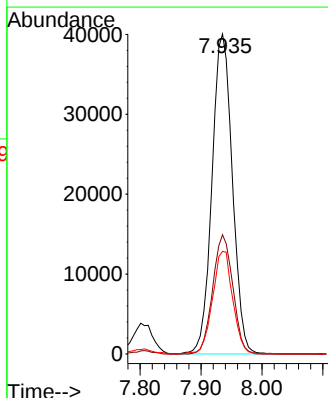
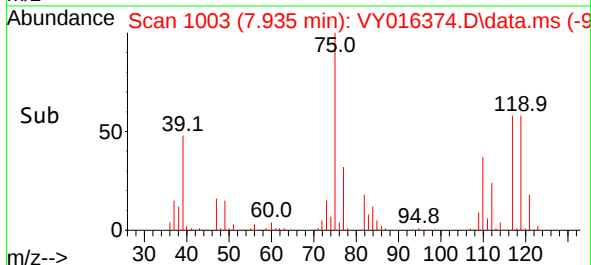
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

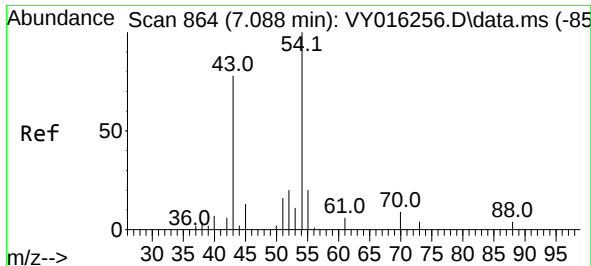


#36
1,1-Dichloropropene
Concen: 49.711 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



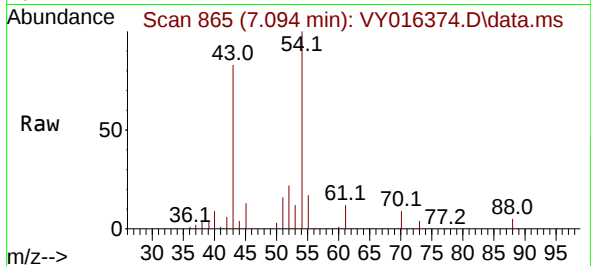
Tgt Ion: 75 Resp: 93049
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 31.8 24.4 36.6





#37
Ethyl Acetate
Concen: 46.187 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

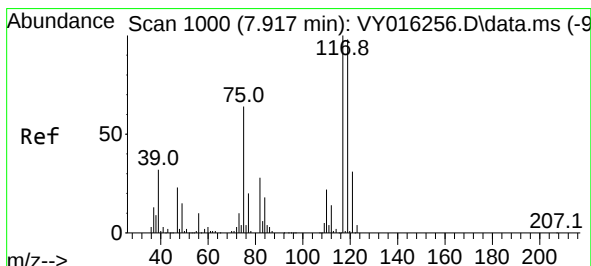
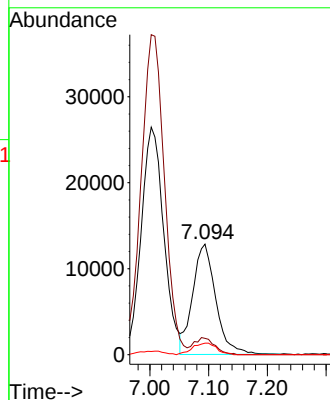
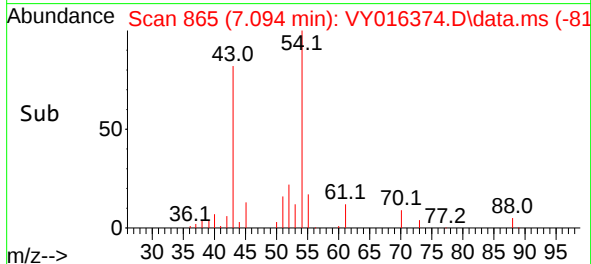
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



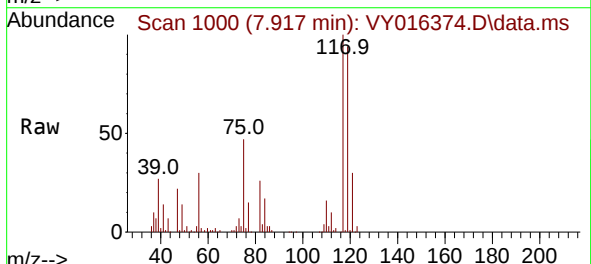
Tgt Ion: 43 Resp: 3493
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 11.0 7.1 10.7

Manual Integrations
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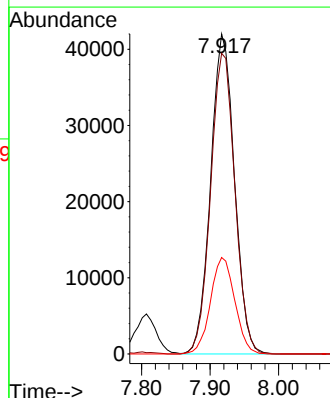
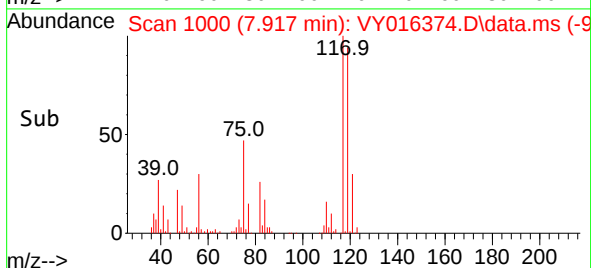
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#38
Carbon Tetrachloride
Concen: 52.168 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



Tgt Ion:117 Resp: 101346
Ion Ratio Lower Upper
117 100
119 94.0 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 47.152 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 83 Resp: 109978

Ion Ratio Lower Upper

83 100

55 68.2 63.0 94.4

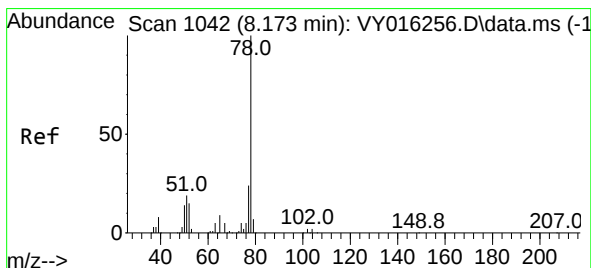
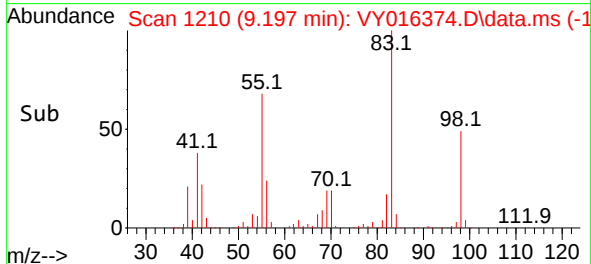
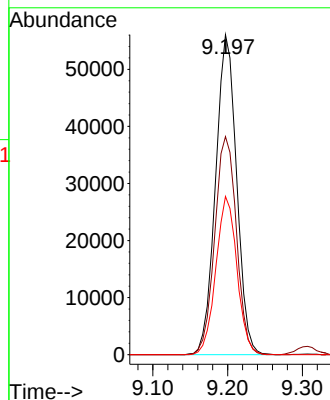
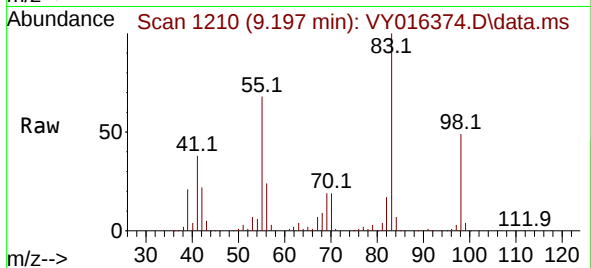
98 49.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#40

Benzene

Concen: 54.702 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016374.D

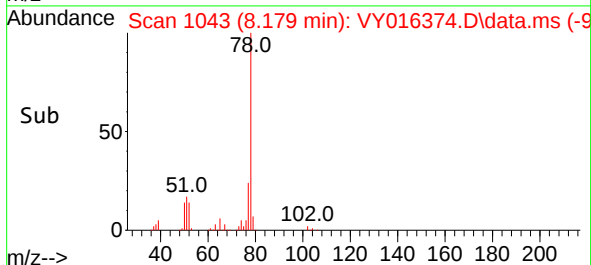
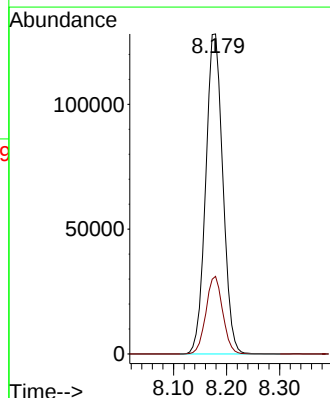
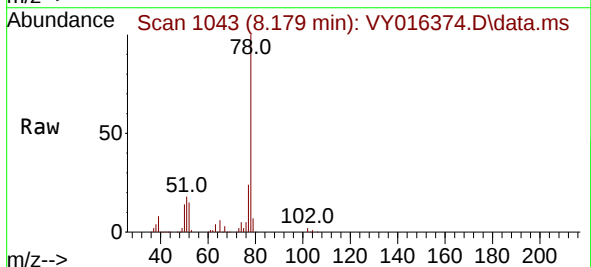
Acq: 15 Nov 2023 18:17

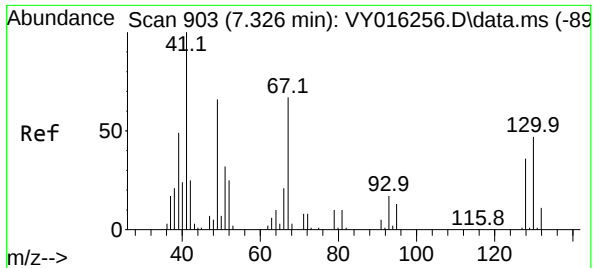
Tgt Ion: 78 Resp: 287672

Ion Ratio Lower Upper

78 100

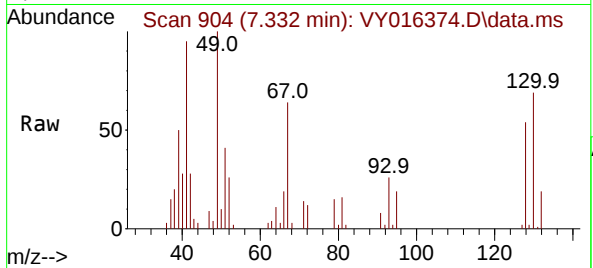
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 53.871 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

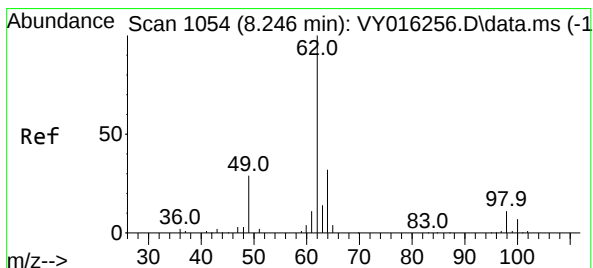
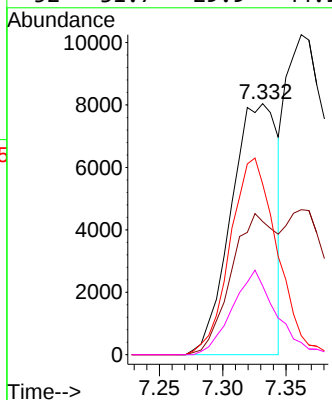
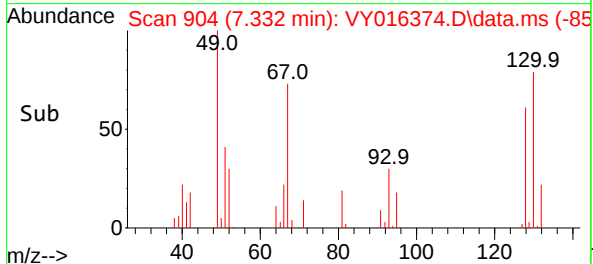
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 41 Resp: 2054
Ion Ratio Lower Upper
41 100
39 54.5 52.1 78.1
67 79.1 66.2 99.2
52 31.7 29.9 44.9

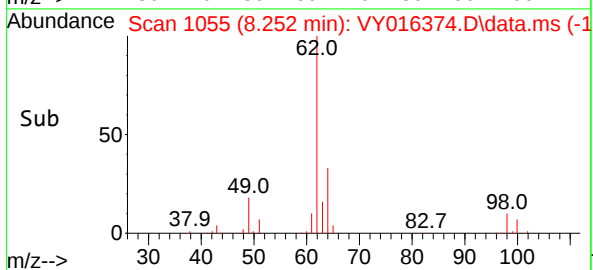
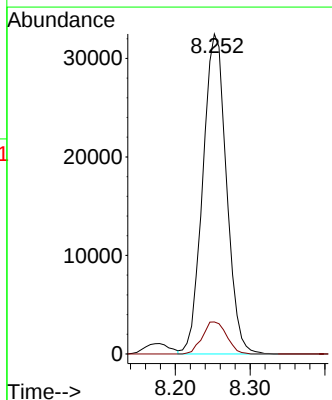
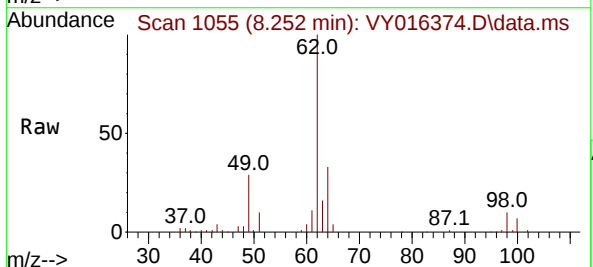
Manual Integrations
APPROVED

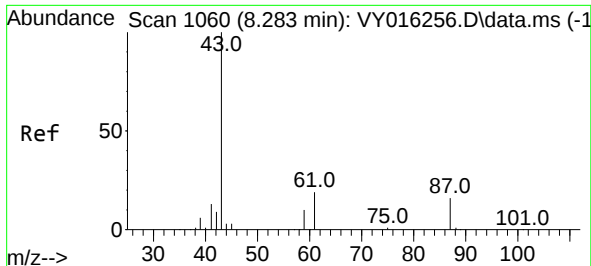
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#42
1,2-Dichloroethane
Concen: 52.351 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 62 Resp: 71334
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8





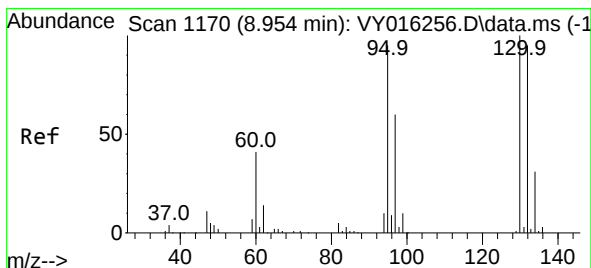
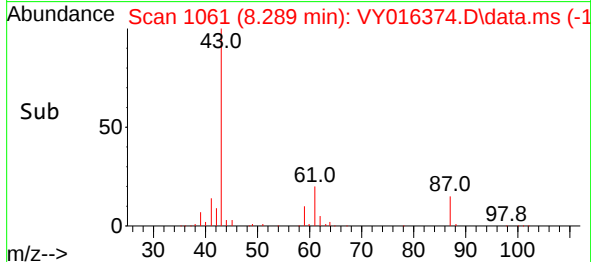
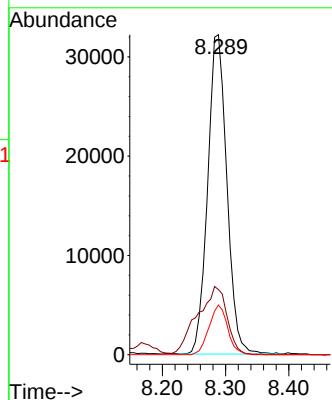
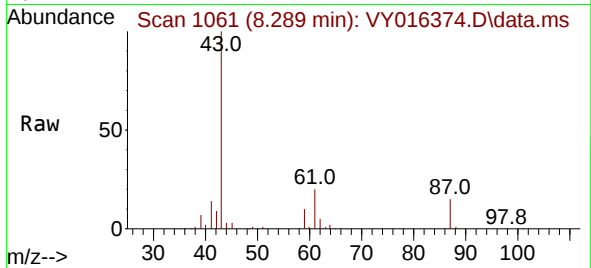
#43
Isopropyl Acetate
Concen: 46.462 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS

Tgt Ion: 43 Resp: 67924
Ion Ratio Lower Upper
43 100
61 32.8 21.1 31.7
87 15.1 9.8 14.8

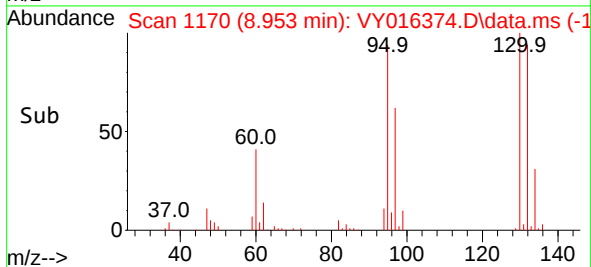
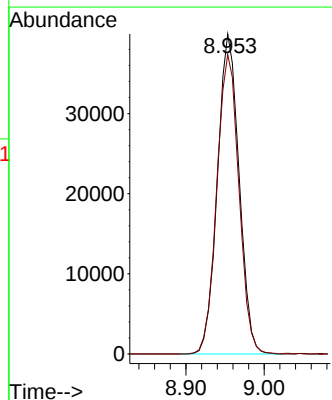
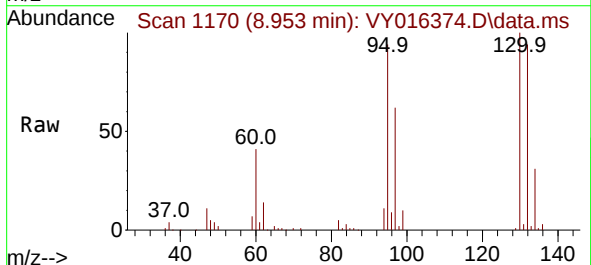
Manual Integrations
APPROVED

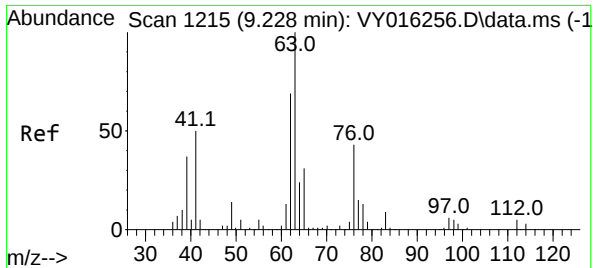
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#44
Trichloroethene
Concen: 50.743 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion:130 Resp: 76693
Ion Ratio Lower Upper
130 100
95 93.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.334 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 63 Resp: 6609

Ion Ratio Lower Upper

63 100

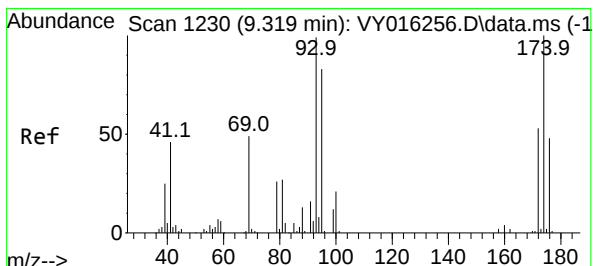
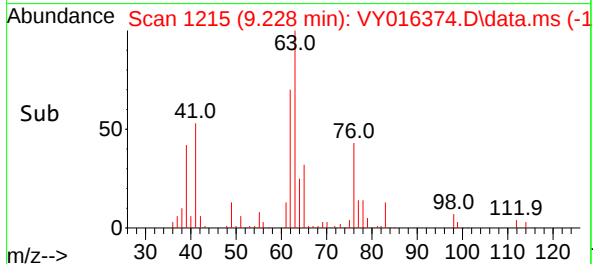
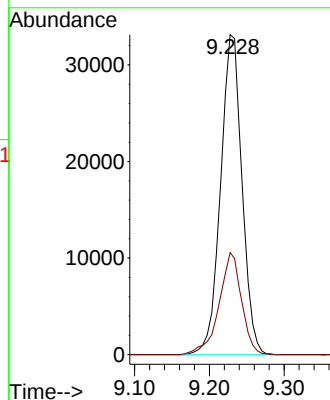
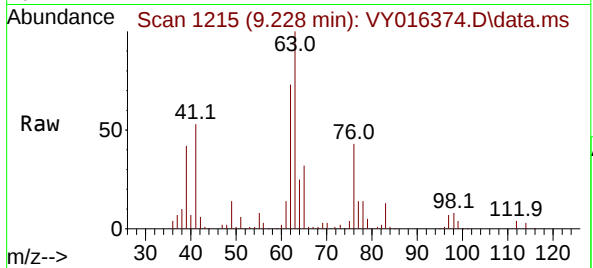
65 31.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#46

Dibromomethane

Concen: 52.324 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

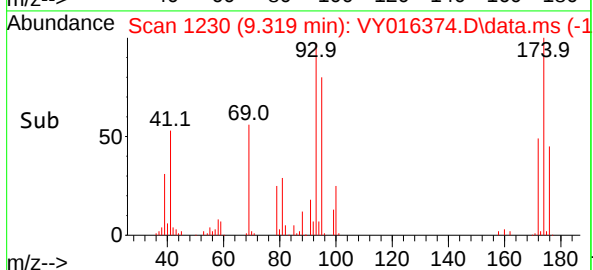
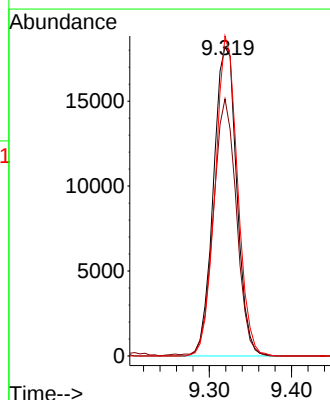
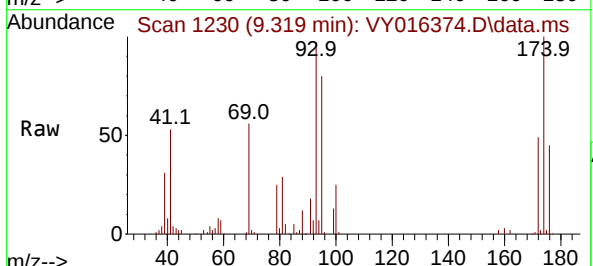
Tgt Ion: 93 Resp: 35811

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

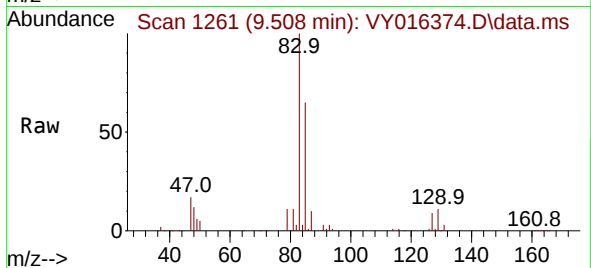
174 99.4 84.8 127.2





#47
Bromodichloromethane
Concen: 53.334 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

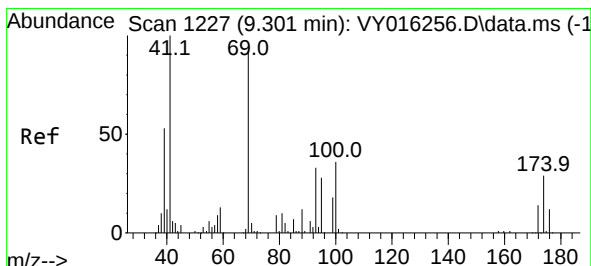
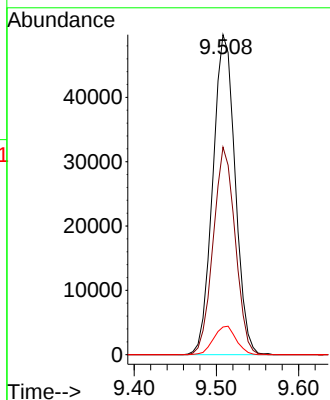
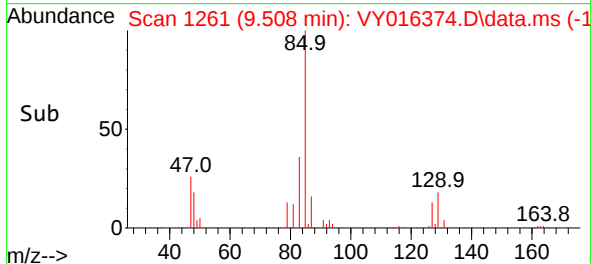
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 83 Resp: 93844
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.7 7.1 10.7

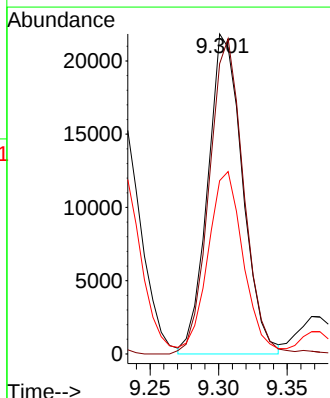
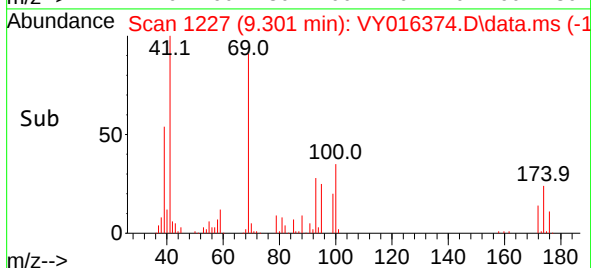
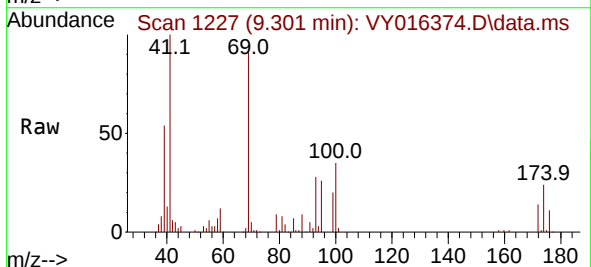
Manual Integrations
APPROVED

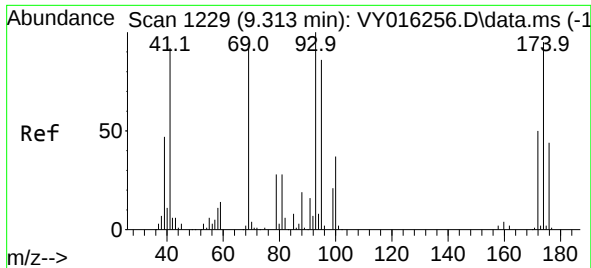
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#48
Methyl methacrylate
Concen: 47.749 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

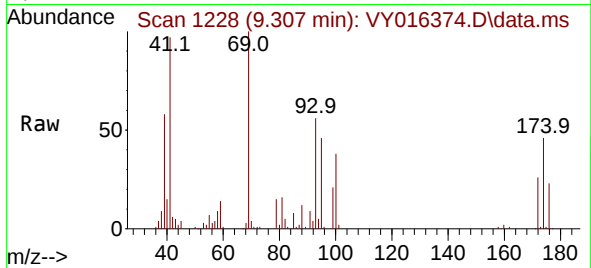
Tgt Ion: 41 Resp: 38579
Ion Ratio Lower Upper
41 100
69 97.7 64.5 96.7#
39 54.6 50.8 76.2





#49
1,4-Dioxane
Concen: 840.762 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

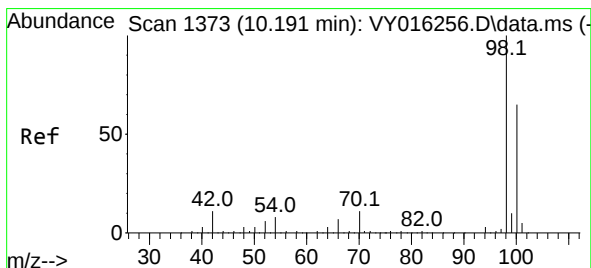
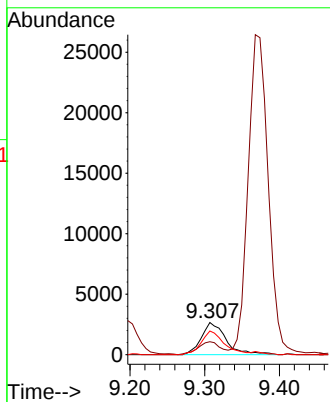
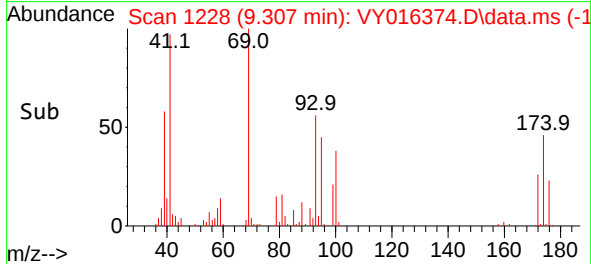
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 88 Resp: 6109
Ion Ratio Lower Upper
88 100
43 36.8 0.0 0.0
58 68.8 30.9 46.3

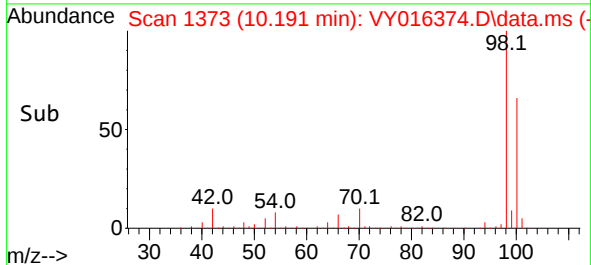
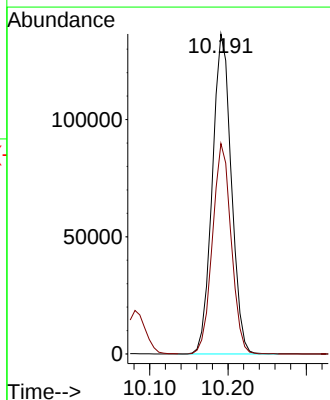
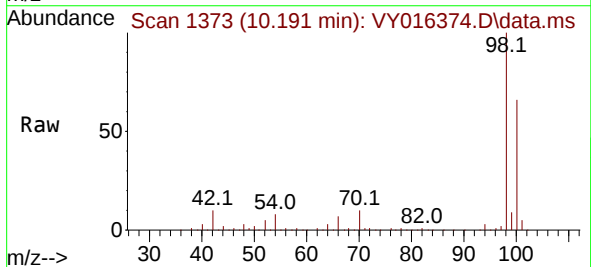
Manual Integrations
APPROVED

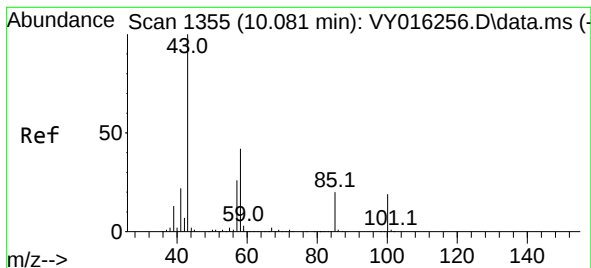
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#50
Toluene-d8
Concen: 52.673 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

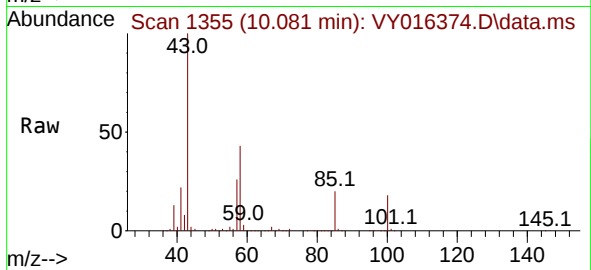
Tgt Ion: 98 Resp: 230256
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 235.460 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

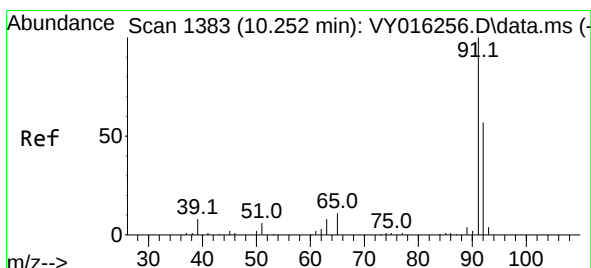
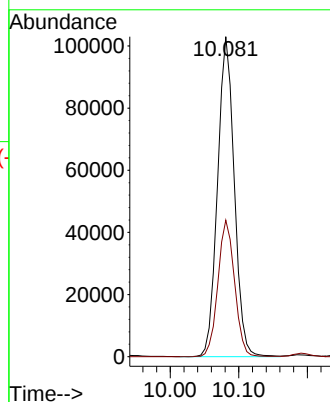
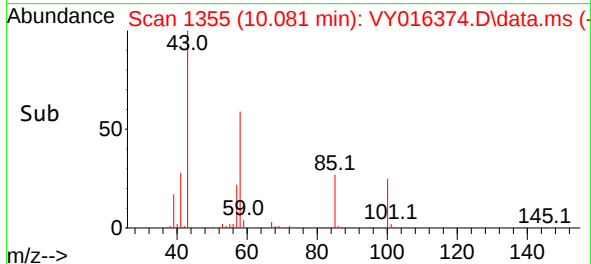
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 43 Resp: 174060
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.6

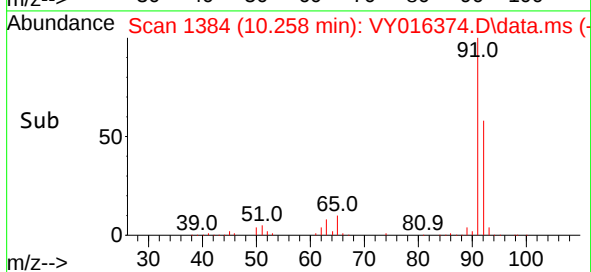
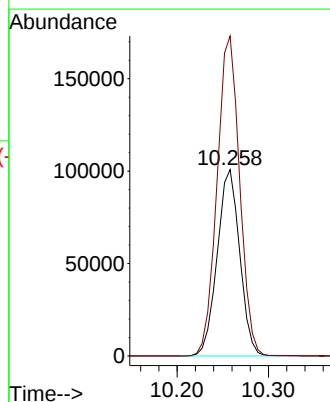
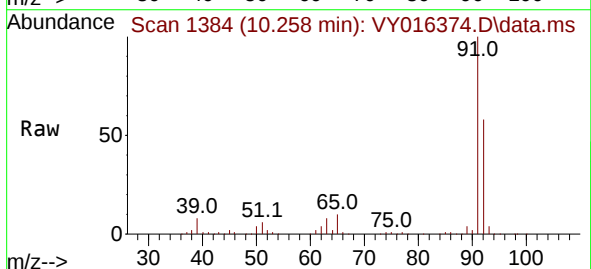
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#52
Toluene
Concen: 51.830 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

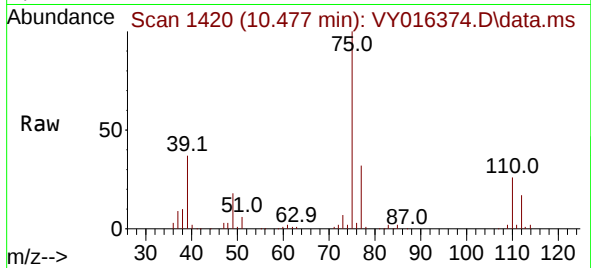
Tgt Ion: 92 Resp: 172300
Ion Ratio Lower Upper
92 100
91 172.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 51.493 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

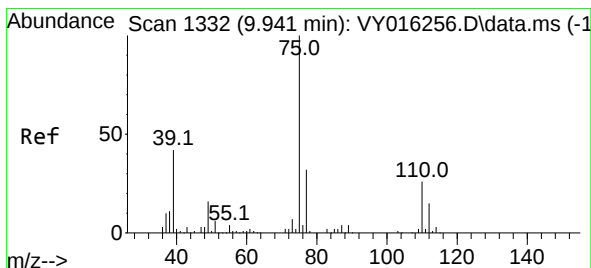
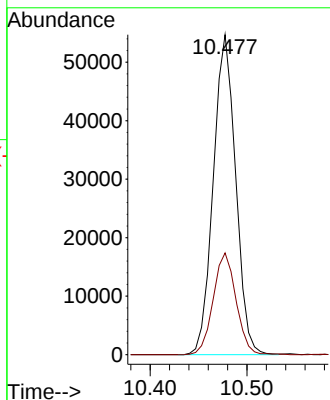
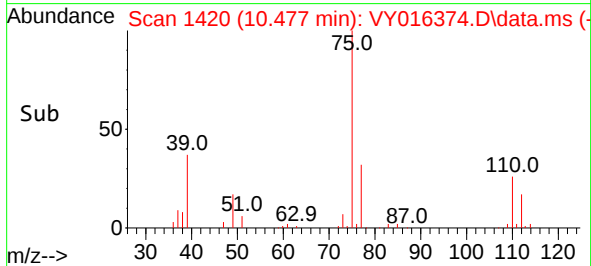
Instrument : MSVOA_Y
ClientSampleId : O-5(5-10)MS



Tgt Ion: 75 Resp: 8783
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

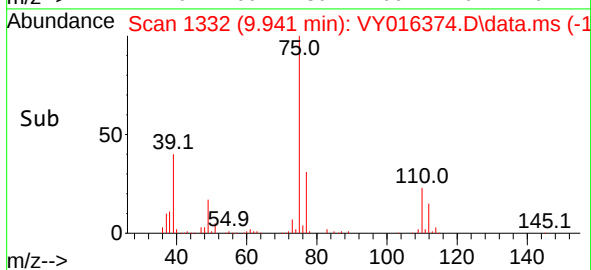
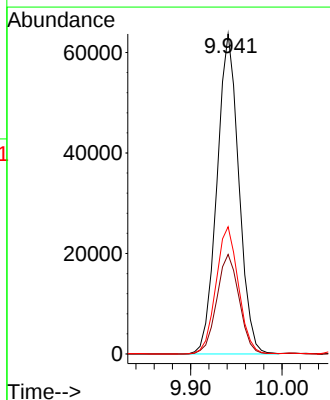
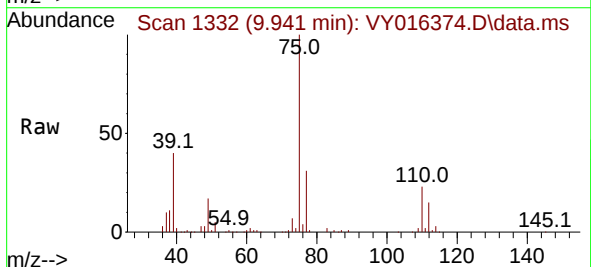
Manual Integrations
APPROVED

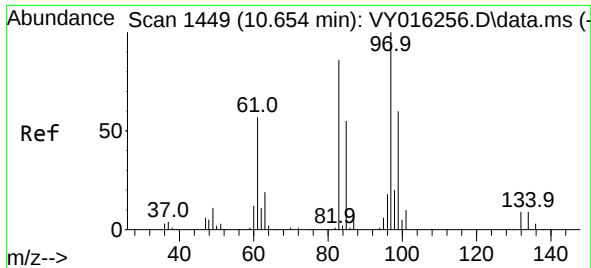
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#54
cis-1,3-Dichloropropene
Concen: 52.003 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

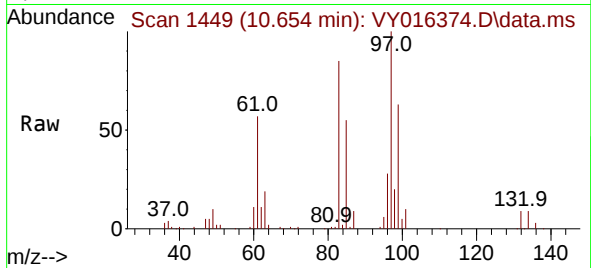
Tgt Ion: 75 Resp: 105947
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 39.7 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 52.324 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

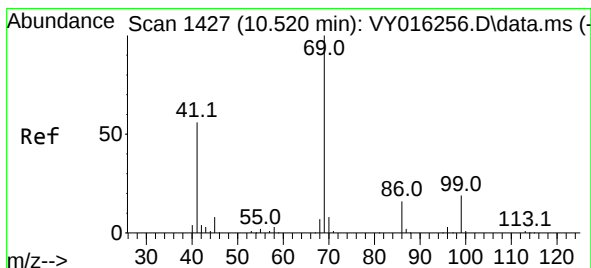
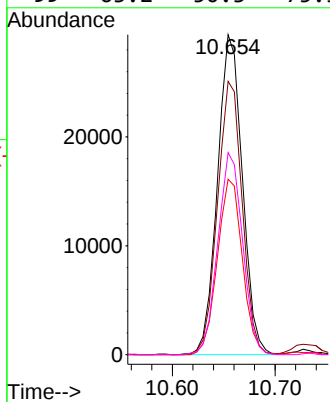
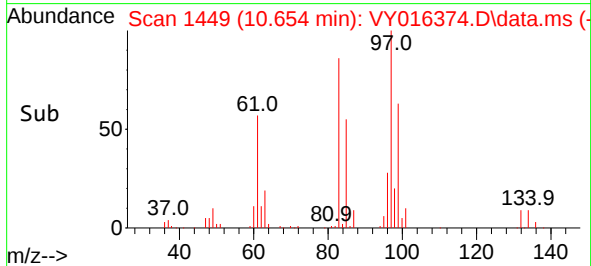
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



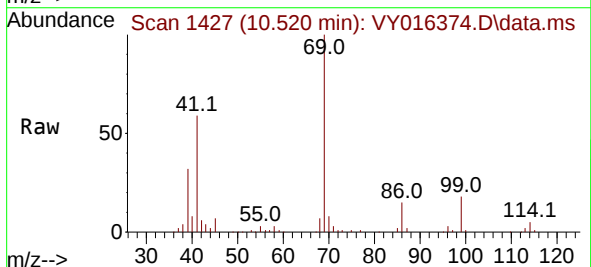
Tgt Ion: 97 Resp: 49359
Ion Ratio Lower Upper
97 100
83 85.4 72.0 108.0
85 54.9 45.4 68.0
99 63.2 50.3 75.5

Manual Integrations
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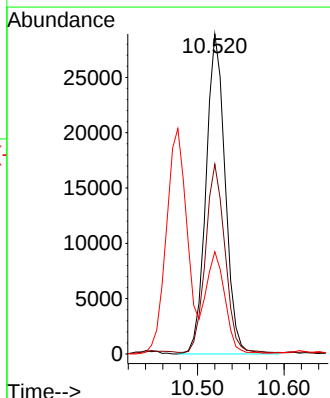
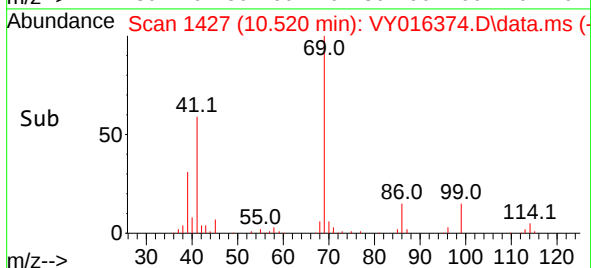
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#56
Ethyl methacrylate
Concen: 50.086 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



Tgt Ion: 69 Resp: 44600
Ion Ratio Lower Upper
69 100
41 59.9 57.6 86.4
39 31.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 51.619 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 76 Resp: 83002

Ion Ratio Lower Upper

76 100

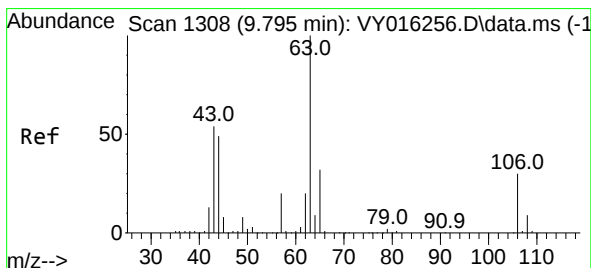
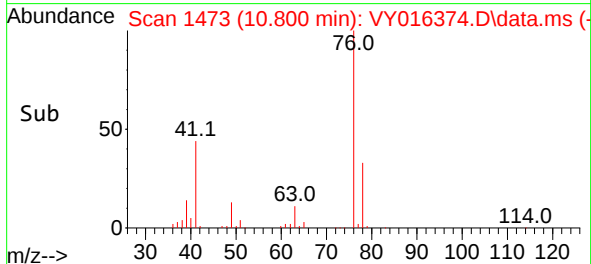
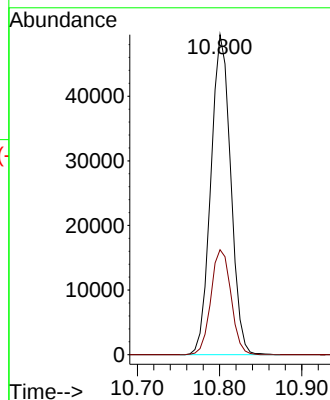
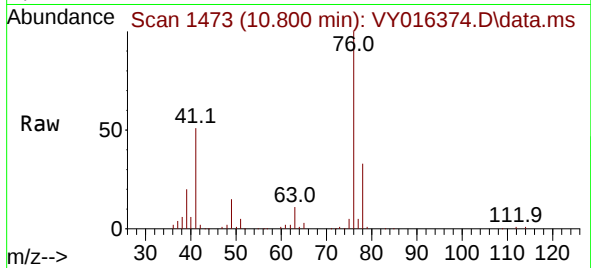
78 33.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.635 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016374.D

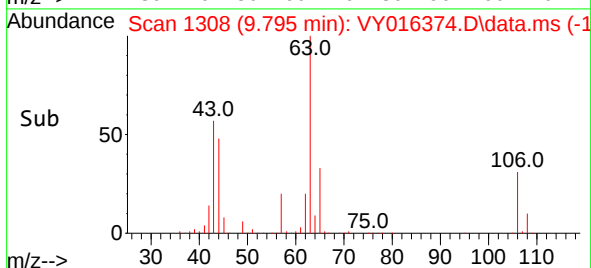
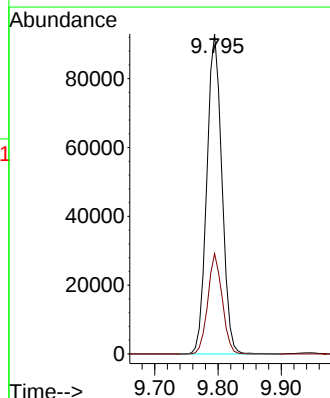
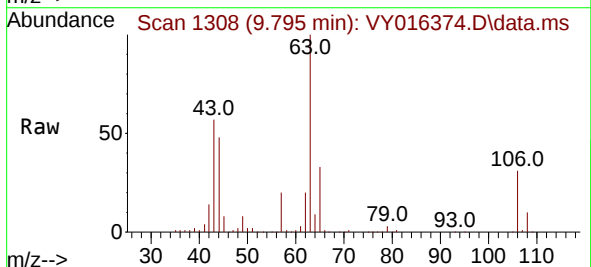
Acq: 15 Nov 2023 18:17

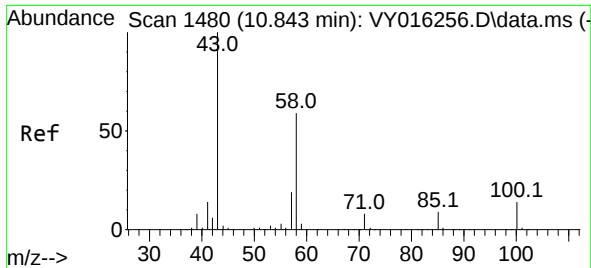
Tgt Ion: 63 Resp: 153749

Ion Ratio Lower Upper

63 100

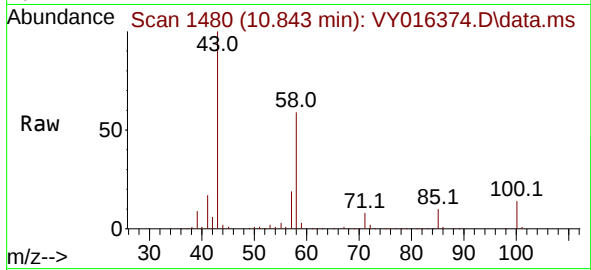
106 29.9 21.2 31.8





#59
2-Hexanone
Concen: 212.456 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

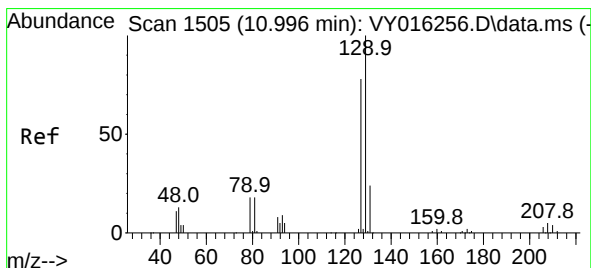
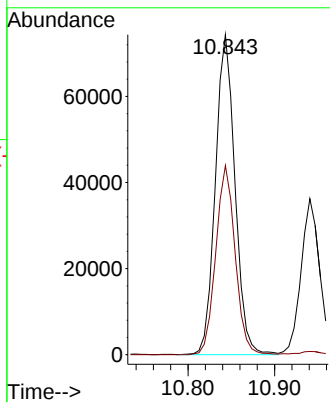
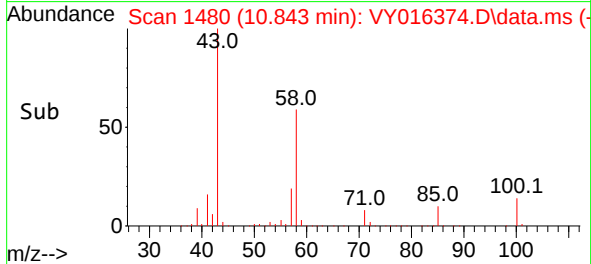
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 43 Resp: 116825
Ion Ratio Lower Upper
43 100
58 58.4 25.1 75.3

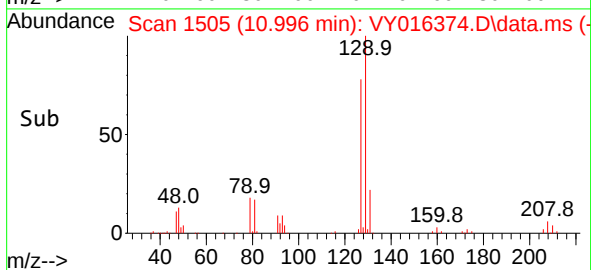
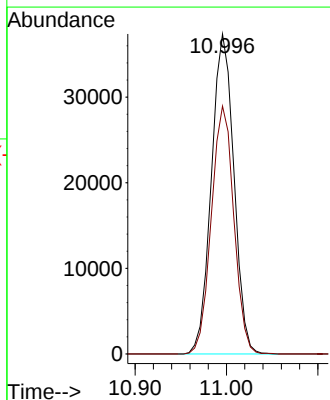
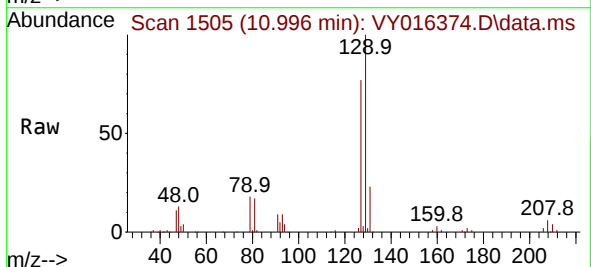
Manual Integrations
APPROVED

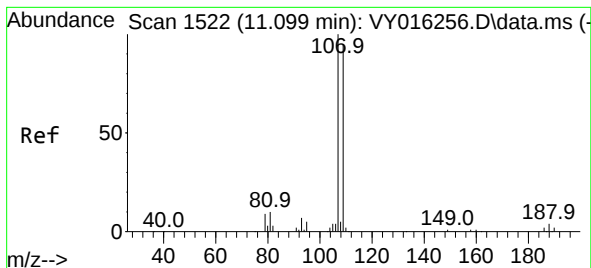
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
Dibromochloromethane
Concen: 54.204 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

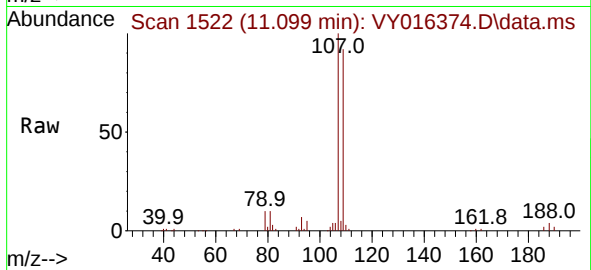
Tgt Ion:129 Resp: 63949
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.391 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

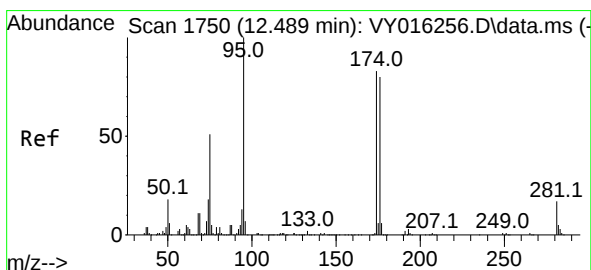
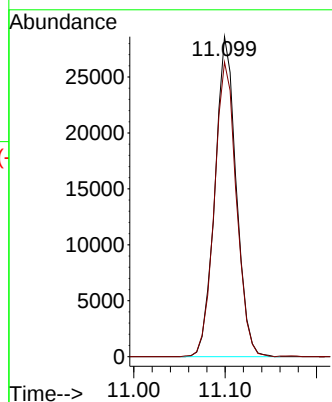
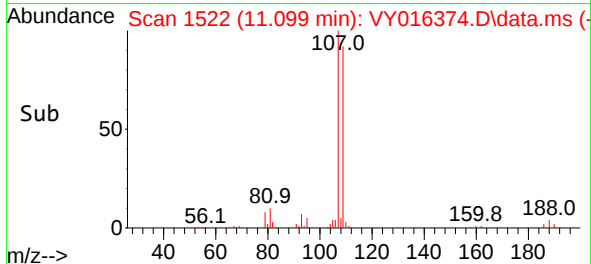
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



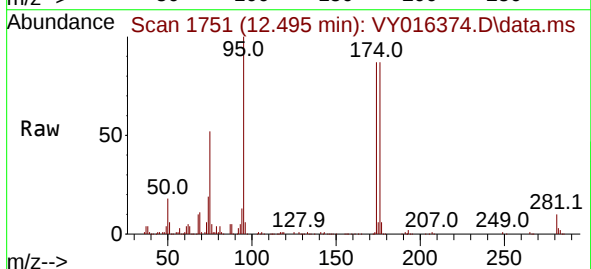
Tgt Ion:107 Resp: 46180
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

Manual Integrations
APPROVED

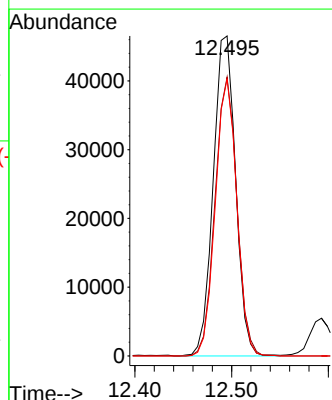
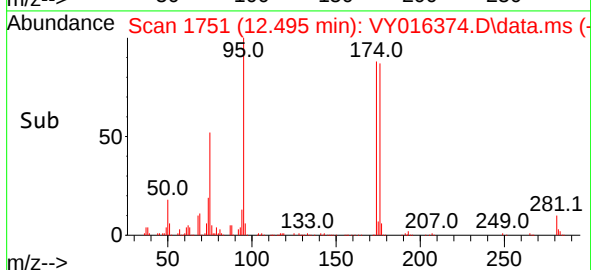
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#62
4-Bromofluorobenzene
Concen: 52.540 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



Tgt Ion: 95 Resp: 74595
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

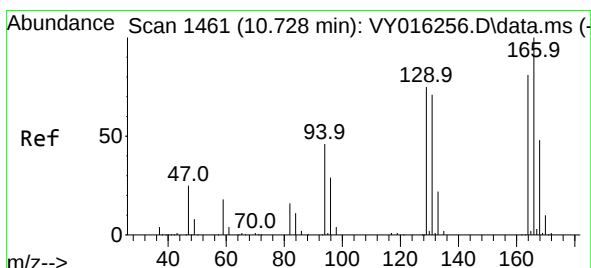
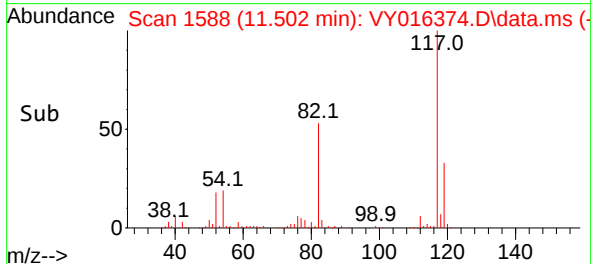
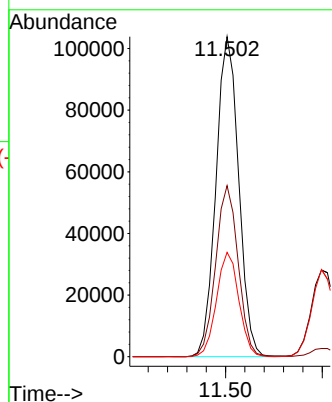
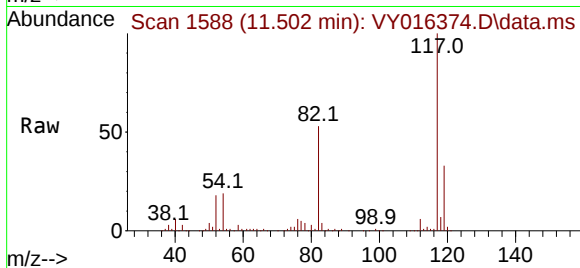
Tgt Ion:117 Resp: 16910

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.4	65.0
119	32.6	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#64

Tetrachloroethene

Concen: 49.358 ug/l

RT: 10.733 min Scan# 1462

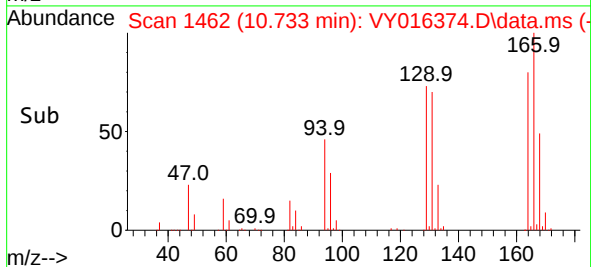
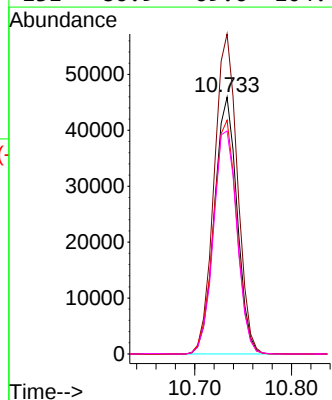
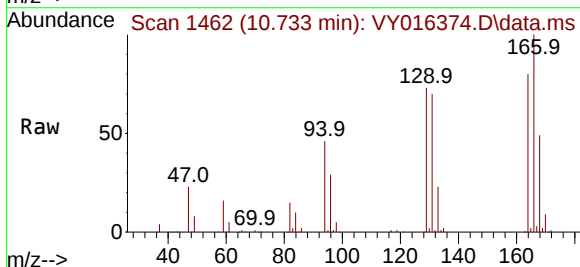
Delta R.T. 0.006 min

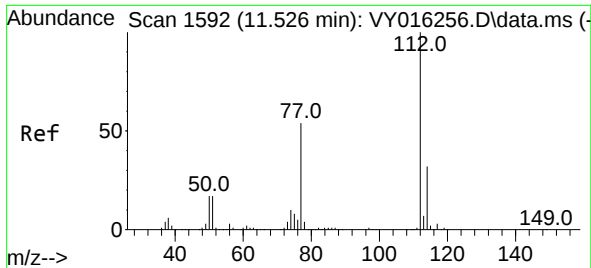
Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Tgt Ion:164 Resp: 74945

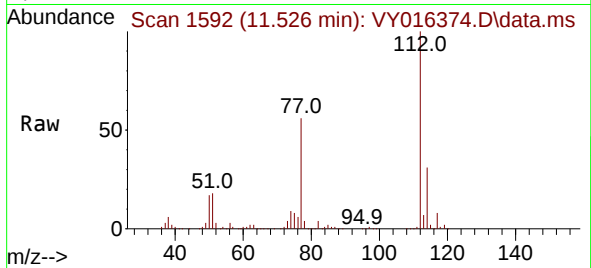
Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.0	154.6
129	91.1	77.2	115.8
131	86.9	69.6	104.4





#65
Chlorobenzene
Concen: 50.774 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

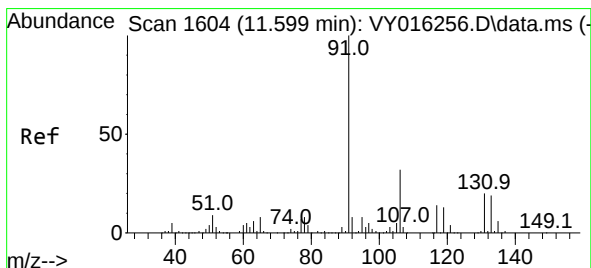
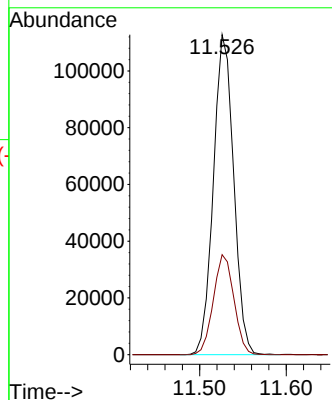
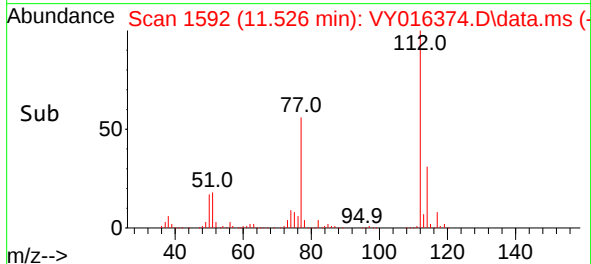
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



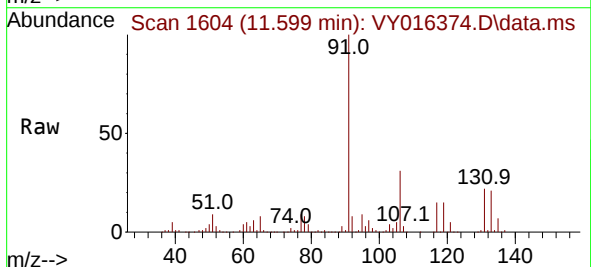
Tgt Ion:112 Resp: 18344
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

Manual Integrations
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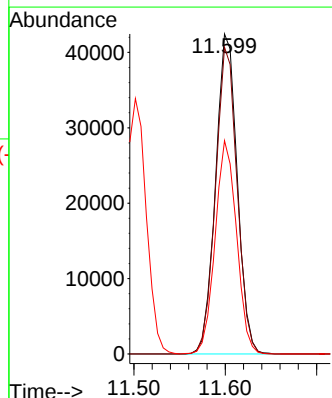
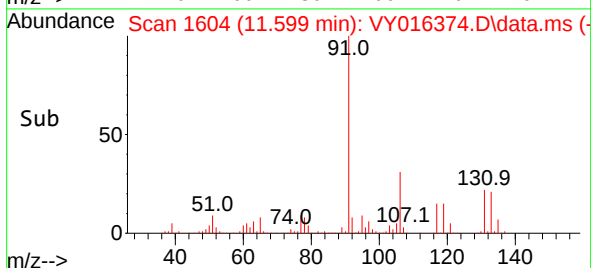
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

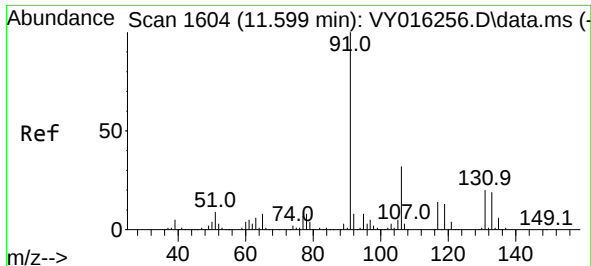


#66
1,1,1,2-Tetrachloroethane
Concen: 52.425 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



Tgt Ion:131 Resp: 69860
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 50.955 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion: 91 Resp: 33085

Ion Ratio Lower Upper

91 100

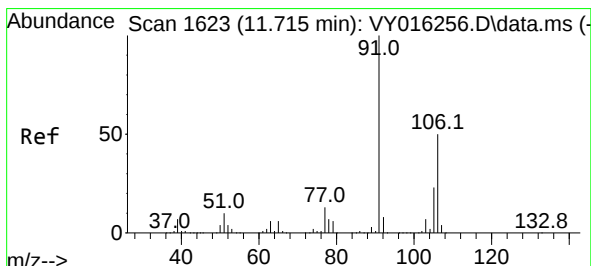
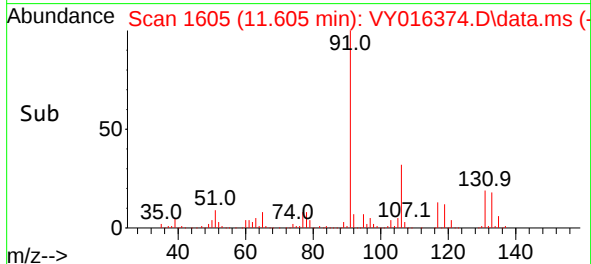
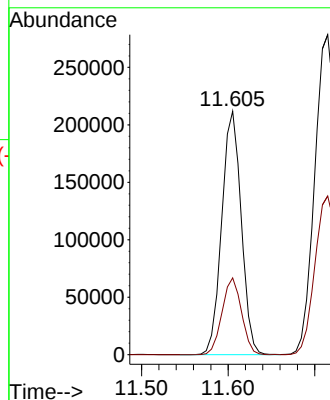
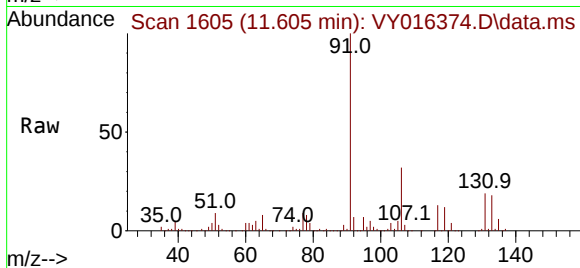
106 31.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#68

m/p-Xylenes

Concen: 103.944 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016374.D

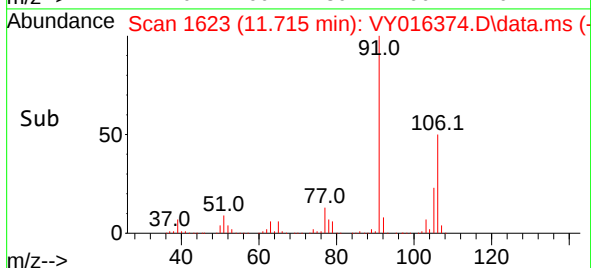
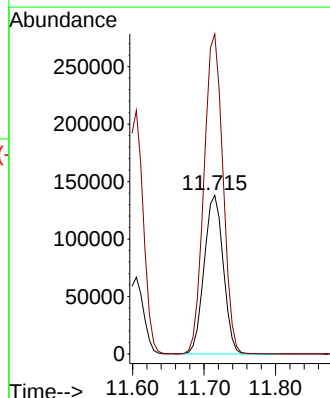
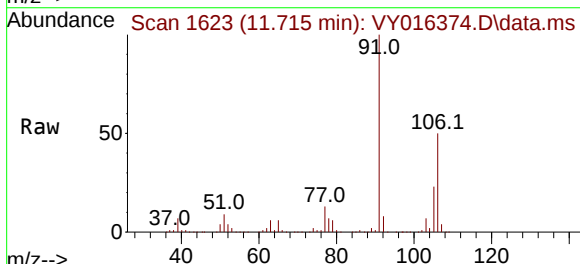
Acq: 15 Nov 2023 18:17

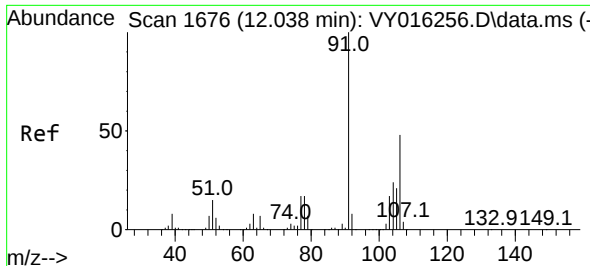
Tgt Ion:106 Resp: 255991

Ion Ratio Lower Upper

106 100

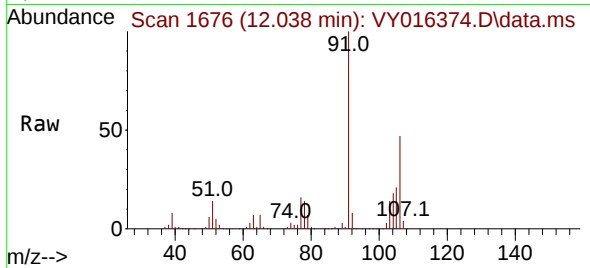
91 200.0 166.1 249.1





#69
o-Xylene
Concen: 51.899 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

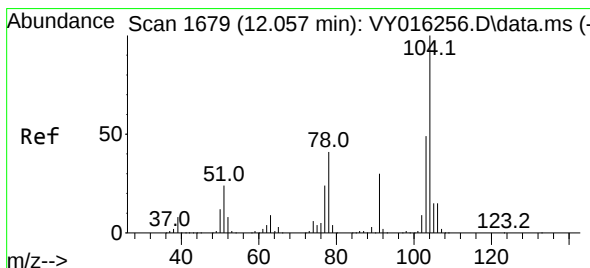
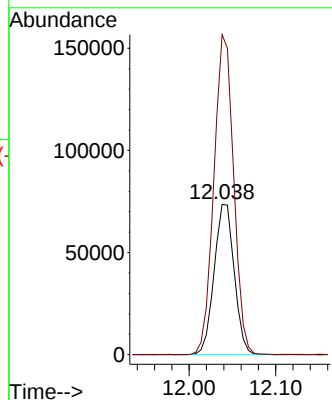
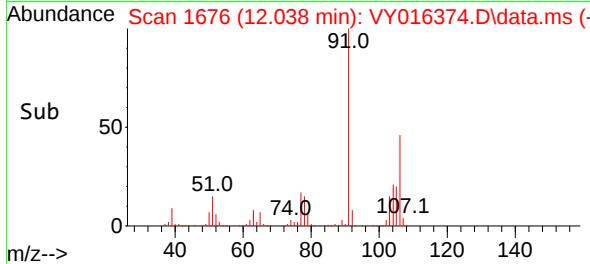
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion:106 Resp: 11867
Ion Ratio Lower Upper
106 100
91 210.1 108.1 324.3

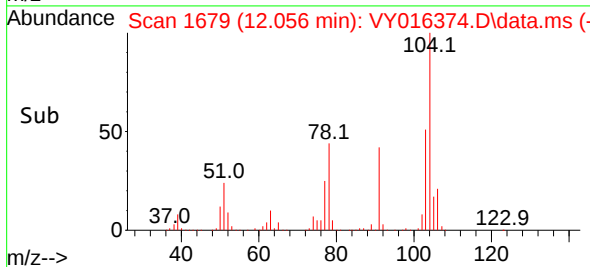
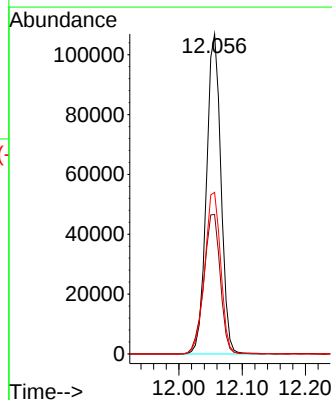
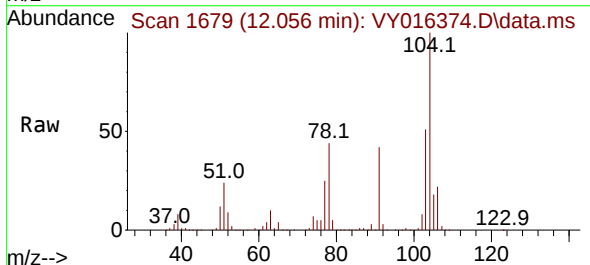
Manual Integrations
APPROVED

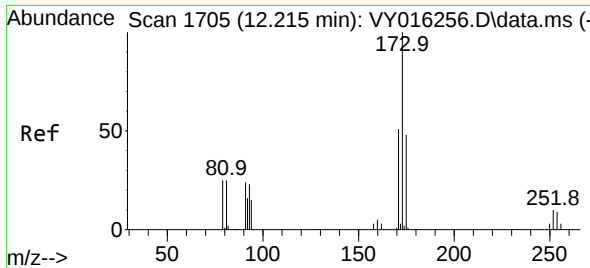
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#70
Styrene
Concen: 52.134 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

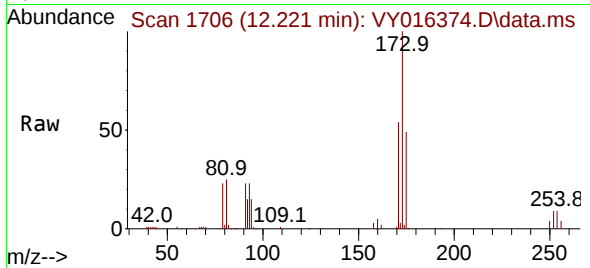
Tgt Ion:104 Resp: 170694
Ion Ratio Lower Upper
104 100
78 49.6 41.5 62.3
103 55.9 44.6 67.0





#71
Bromoform
Concen: 51.484 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

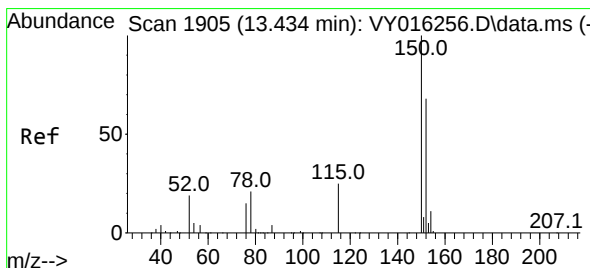
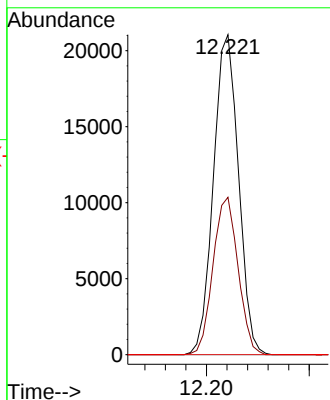
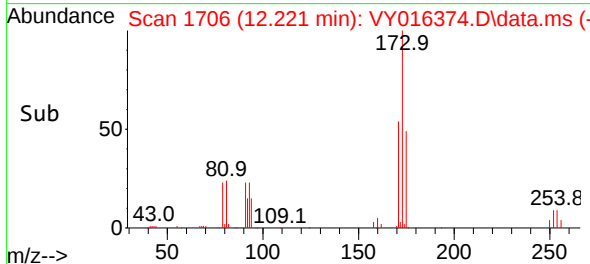
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



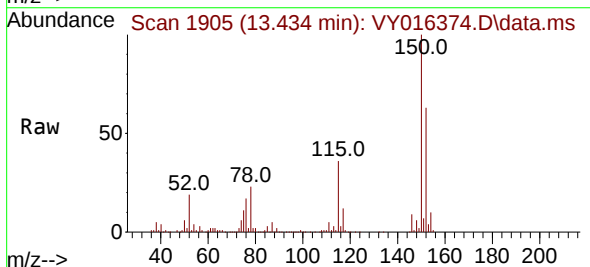
Tgt Ion:173 Resp: 3559
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

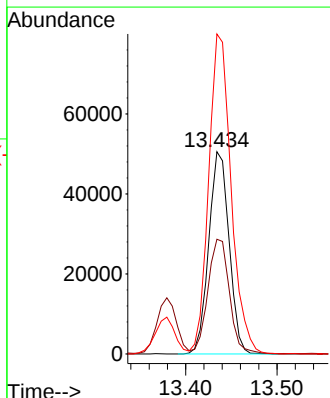
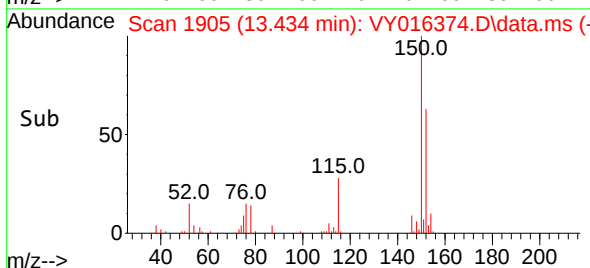
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

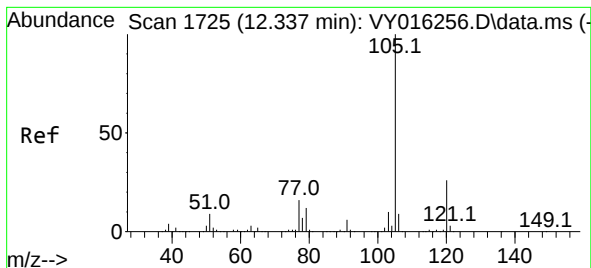


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



Tgt Ion:152 Resp: 78045
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 174.7 0.0 348.8





#73

Isopropylbenzene

Concen: 51.663 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion:105 Resp: 326504

Ion Ratio Lower Upper

105 100

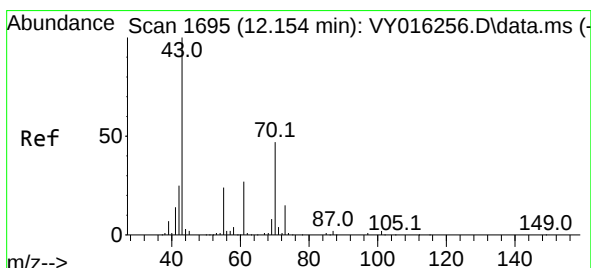
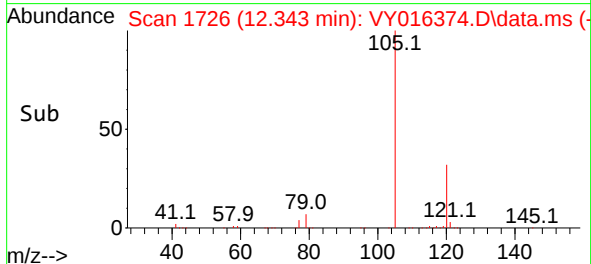
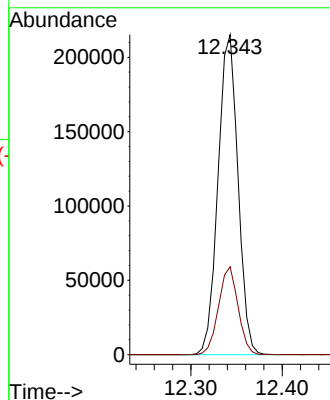
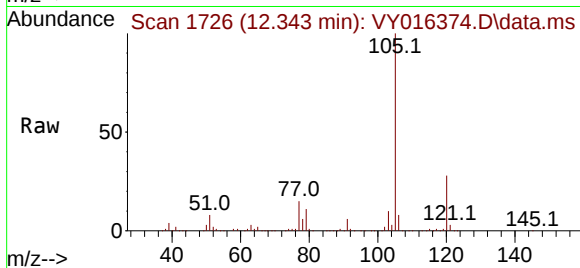
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#74

N-ethyl acetate

Concen: 41.456 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Tgt Ion: 43 Resp: 52626

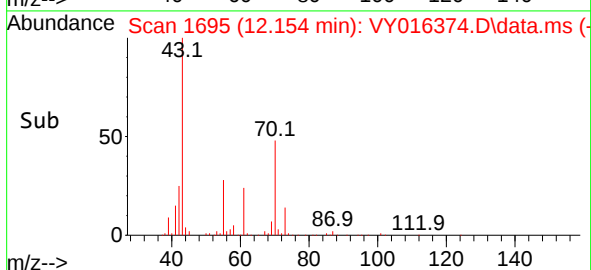
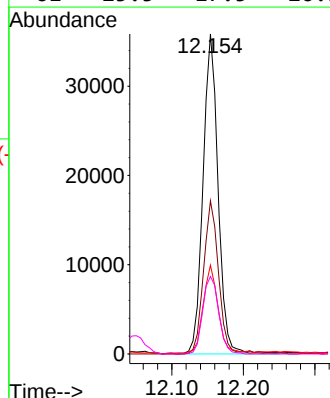
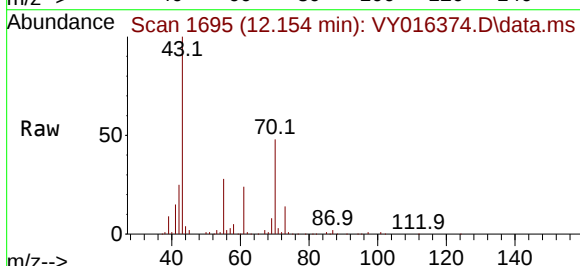
Ion Ratio Lower Upper

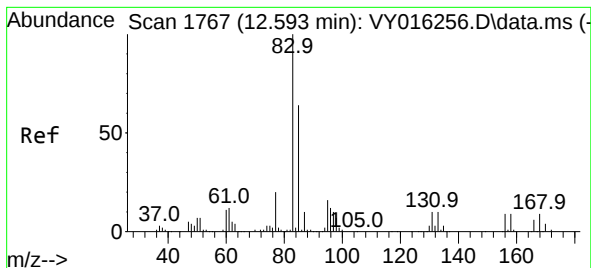
43 100

70 47.5 29.7 44.5#

55 28.6 18.3 27.5#

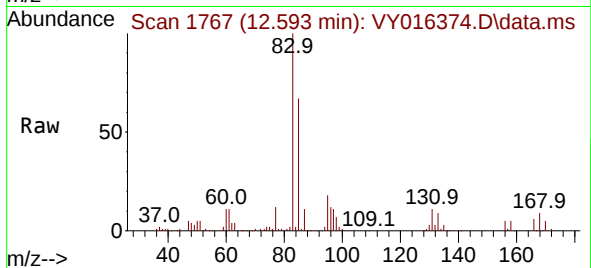
61 25.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.880 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

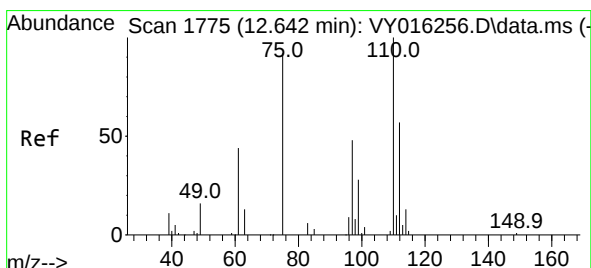
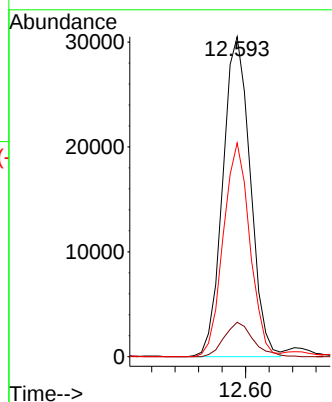
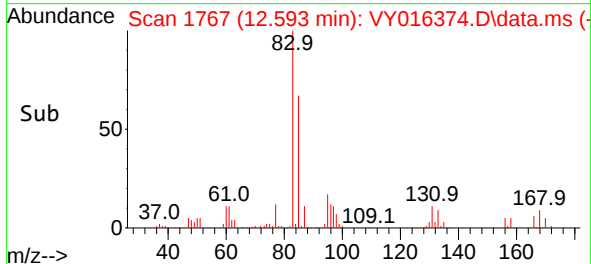
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



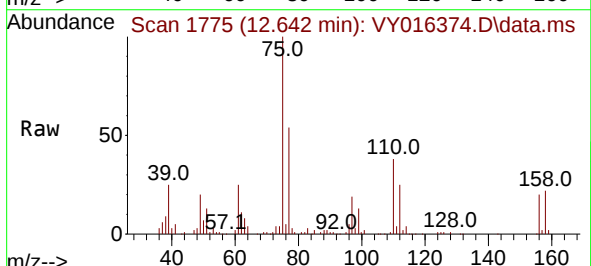
Tgt Ion: 83 Resp: 49570
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 64.5 31.8 95.4

Manual Integrations
APPROVED

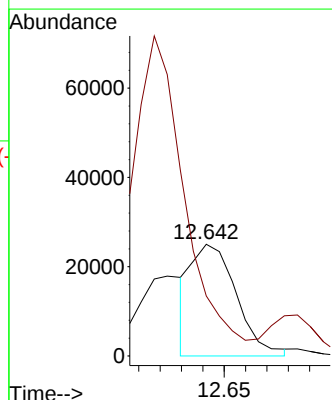
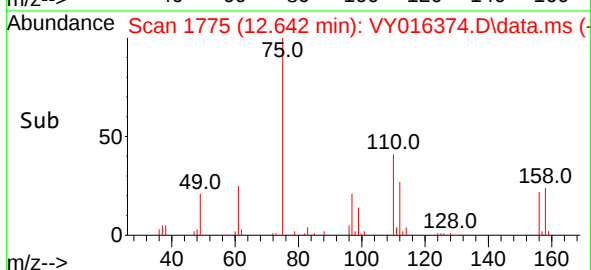
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

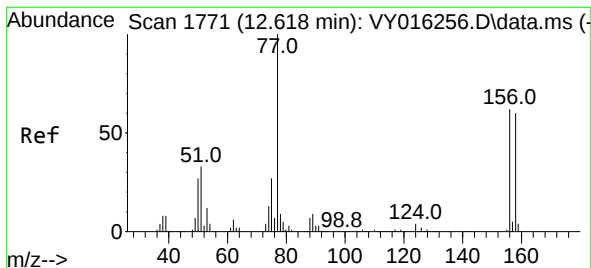


#76
1,2,3-Trichloropropane
Concen: 49.177 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



Tgt Ion: 75 Resp: 36818
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.685 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

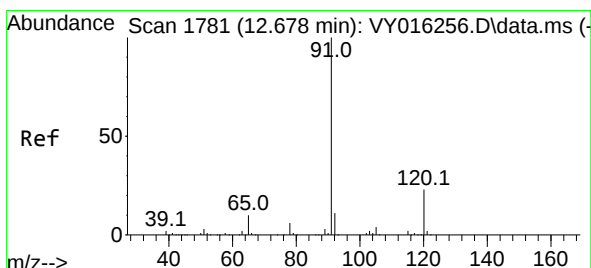
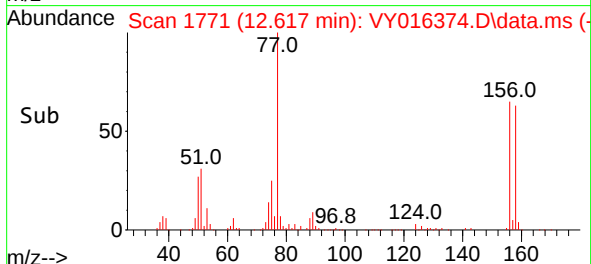
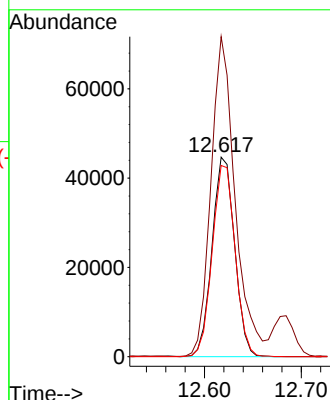
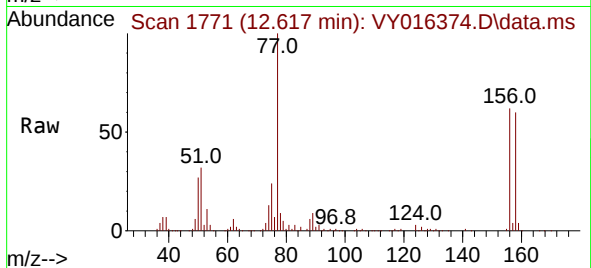
O-5(5-10)MS

Tgt Ion:	156	Resp:	72398
Ion Ratio	Lower	Upper	
156	100		
77	171.0	92.8	278.6
158	97.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#78

n-propylbenzene

Concen: 49.315 ug/l

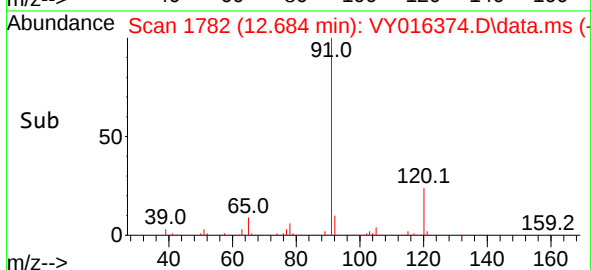
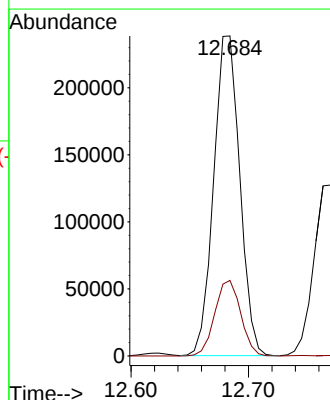
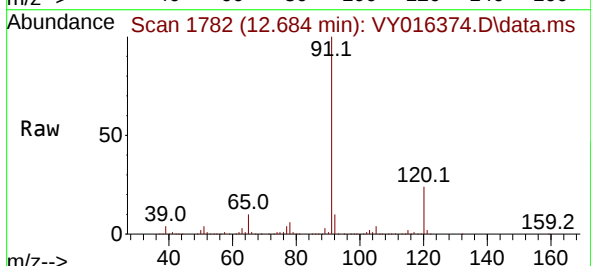
RT: 12.684 min Scan# 1782

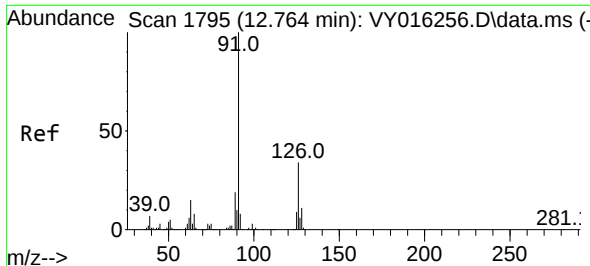
Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

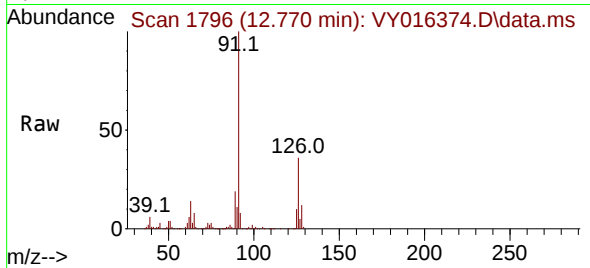
Tgt Ion:	91	Resp:	368327
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.5	34.4





#79
2-Chlorotoluene
Concen: 49.914 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

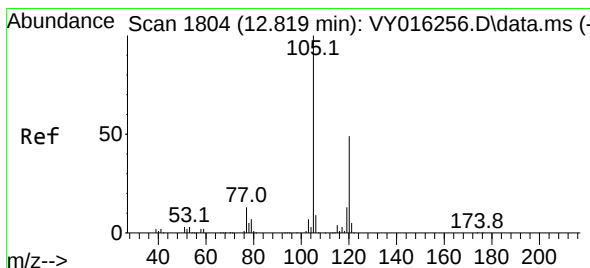
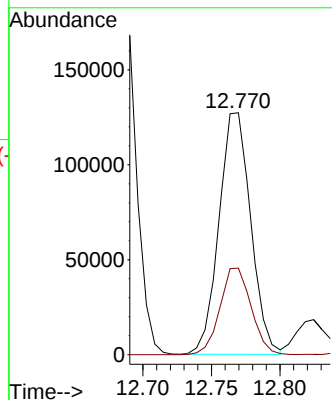
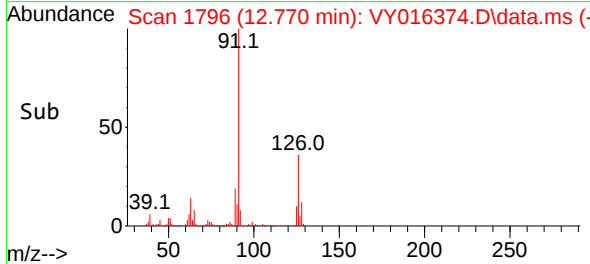
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



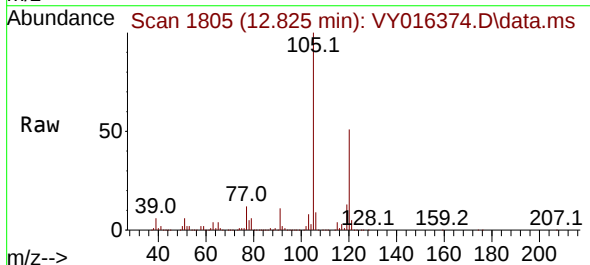
Tgt Ion: 91 Resp: 205449
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

Manual Integrations
APPROVED

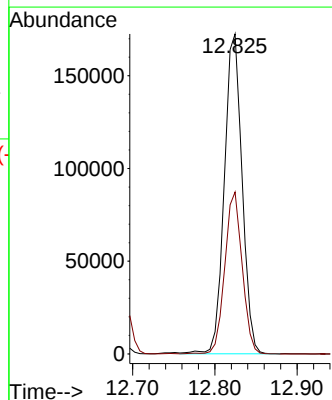
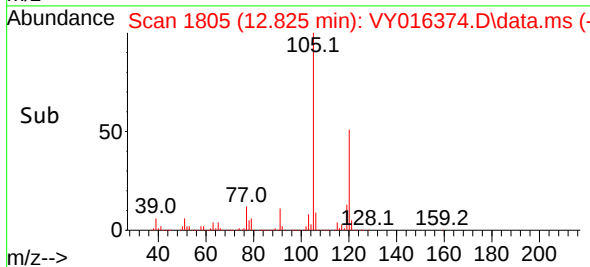
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

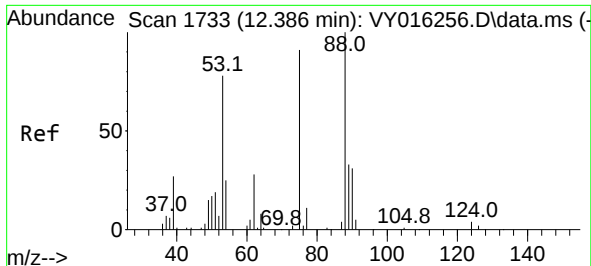


#80
1,3,5-Trimethylbenzene
Concen: 50.736 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17



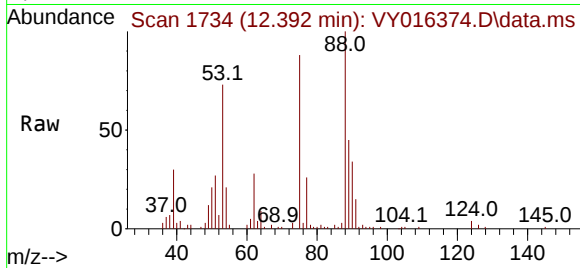
Tgt Ion:105 Resp: 258522
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.420 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

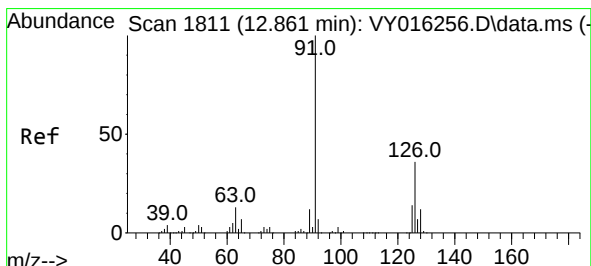
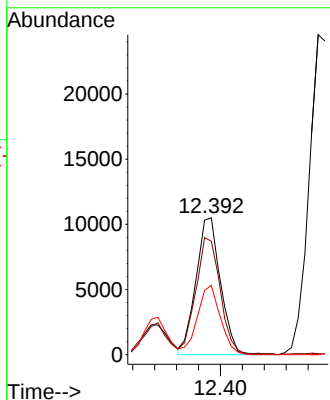
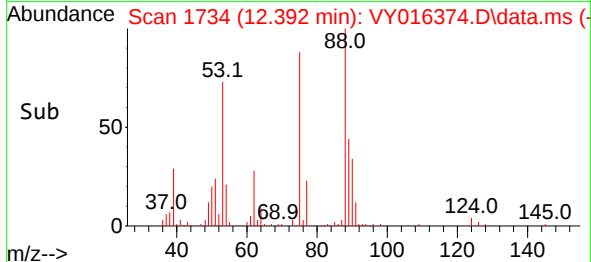
Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS



Tgt Ion: 75 Resp: 16350
Ion Ratio Lower Upper
75 100
53 84.0 77.8 116.8
89 47.7 37.4 56.0

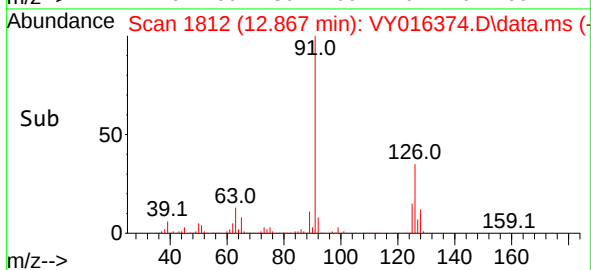
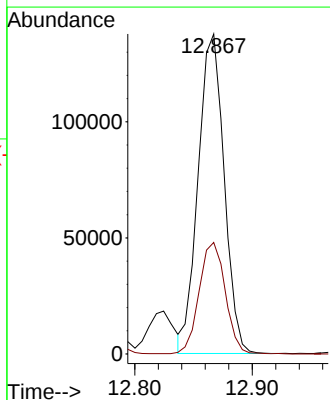
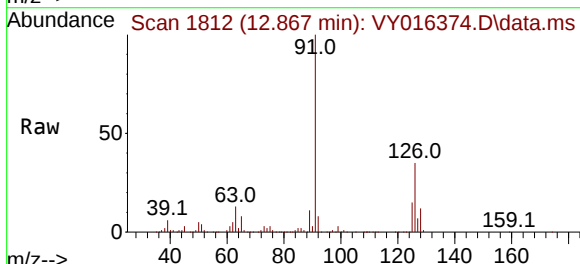
Manual Integrations
APPROVED

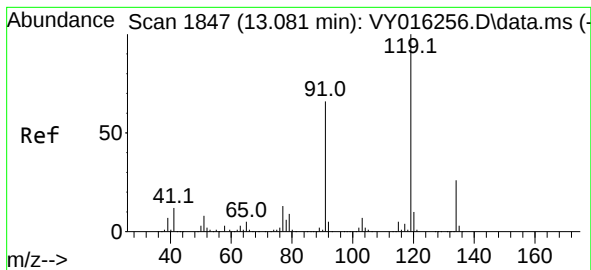
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#82
4-Chlorotoluene
Concen: 49.738 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 91 Resp: 211543
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.642 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

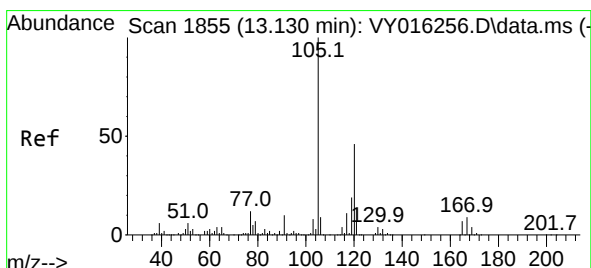
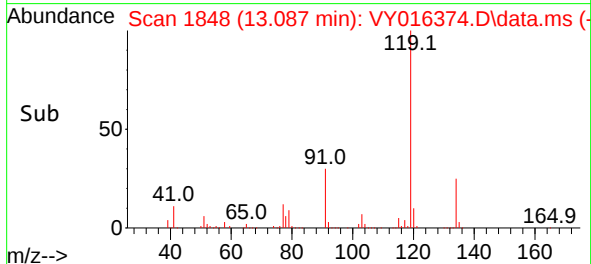
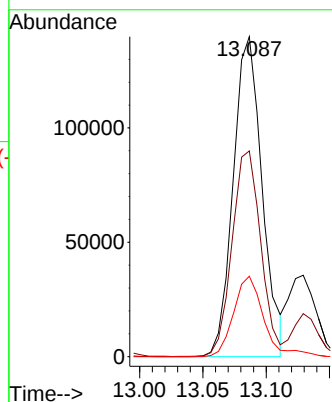
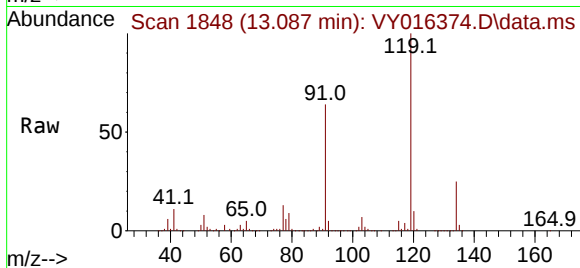
O-5(5-10)MS

Tgt Ion:	119	Resp:	222795
Ion Ratio	Lower	Upper	
119	100		
91	63.6	32.9	98.6
134	26.2	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.617 ug/l

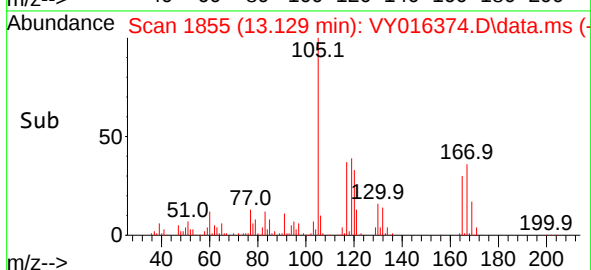
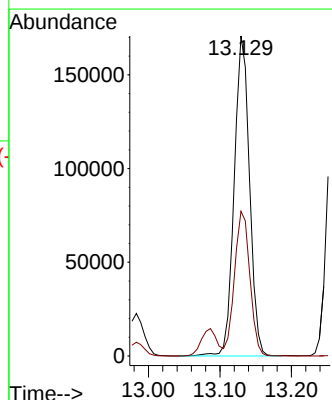
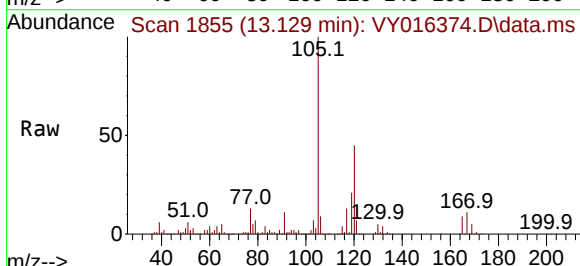
RT: 13.129 min Scan# 1855

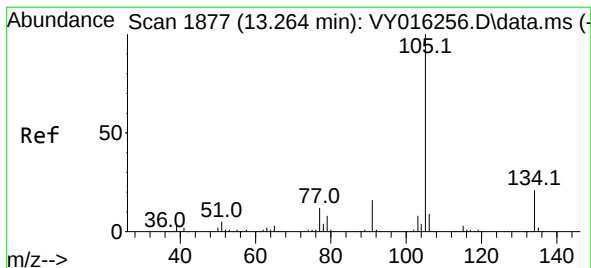
Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

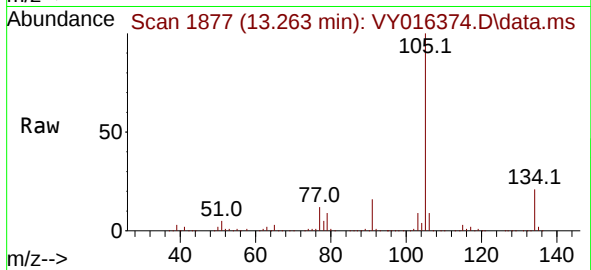
Tgt Ion:	105	Resp:	253956
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.2	66.6





#85
 sec-Butylbenzene
 Concen: 48.860 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17

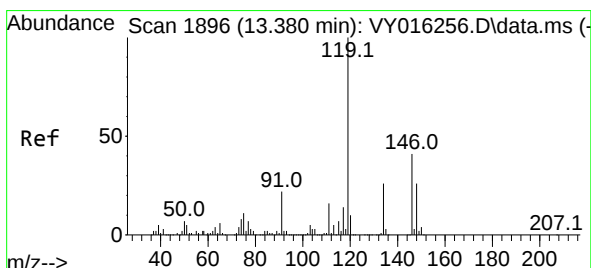
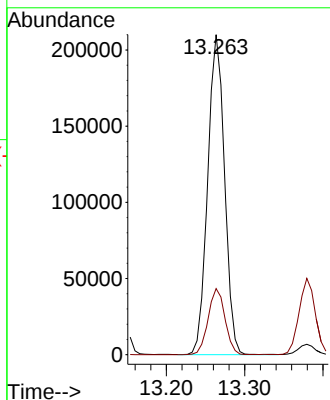
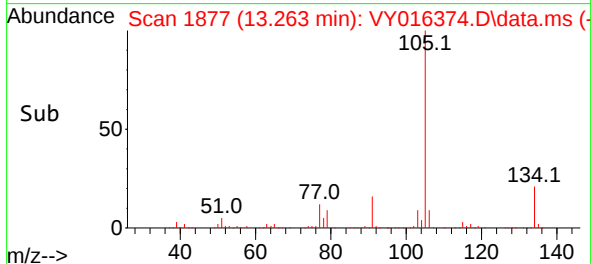
Instrument :
 MSVOA_Y
 ClientSampleId :
 O-5(5-10)MS



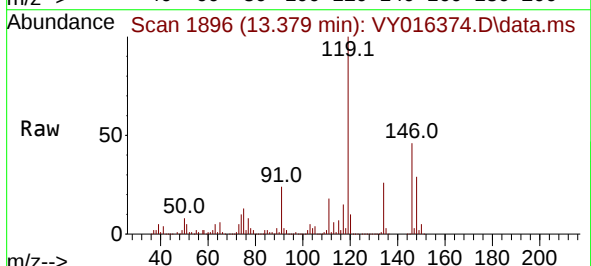
Tgt Ion:105 Resp: 31328
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations
 APPROVED

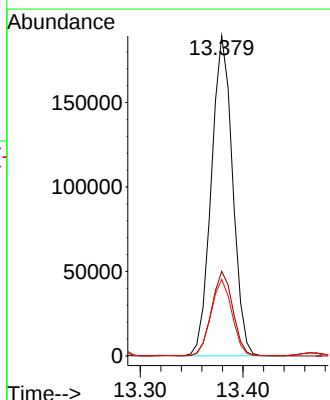
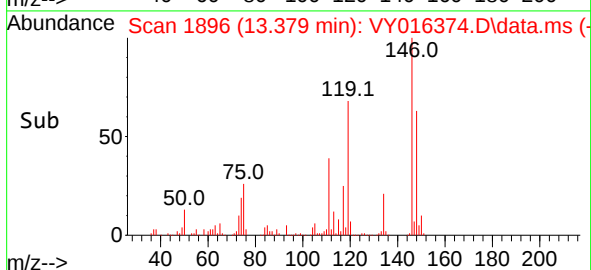
Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

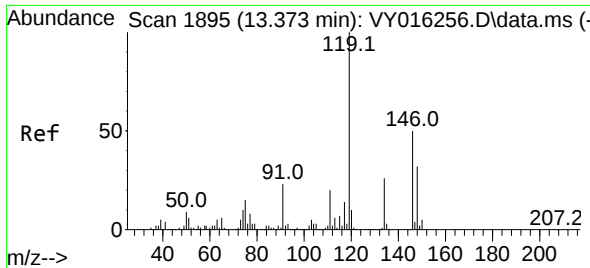


#86
 p-Isopropyltoluene
 Concen: 49.161 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016374.D
 Acq: 15 Nov 2023 18:17



Tgt Ion:119 Resp: 271424
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.5 12.4 37.4





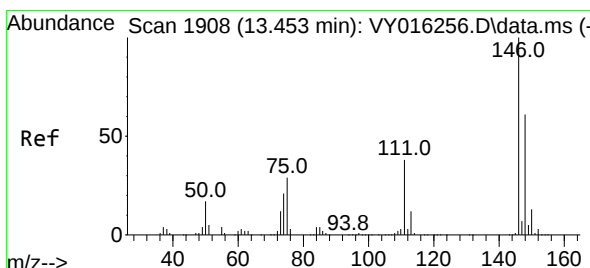
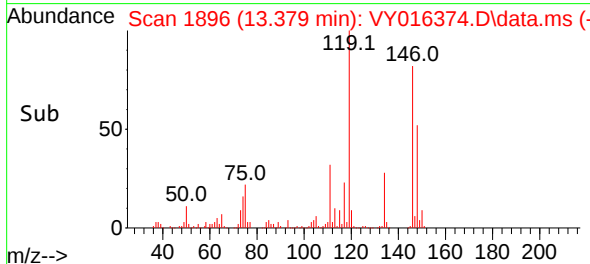
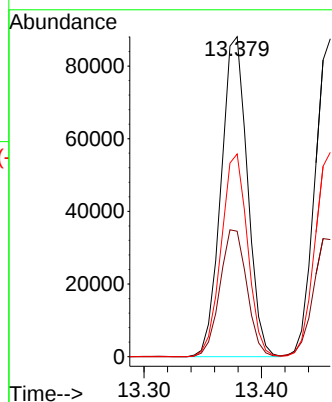
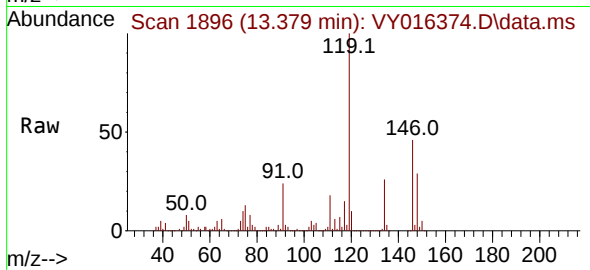
#87
1,3-Dichlorobenzene
Concen: 50.026 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS

Tgt Ion:146 Resp: 13747
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.2
148 63.2 31.9 95.5

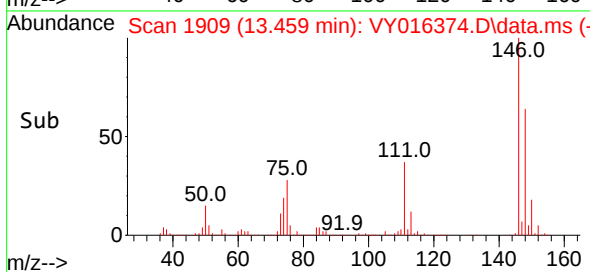
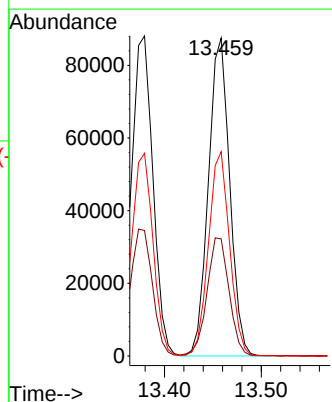
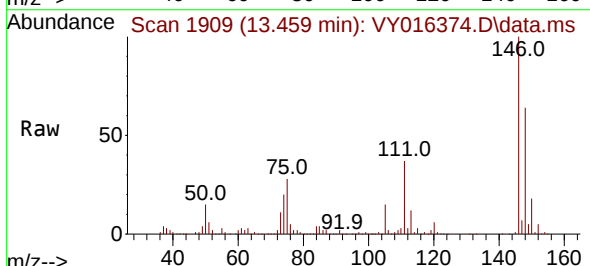
Manual Integrations
APPROVED

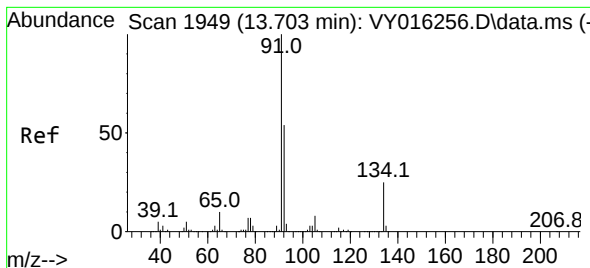
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#88
1,4-Dichlorobenzene
Concen: 49.905 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion:146 Resp: 134026
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 48.249 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

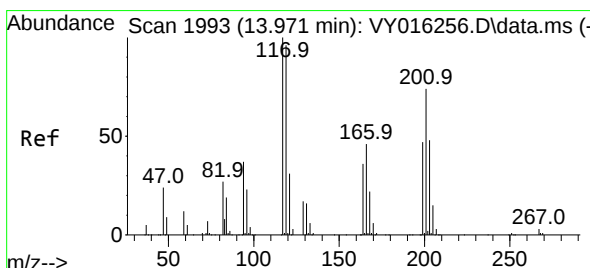
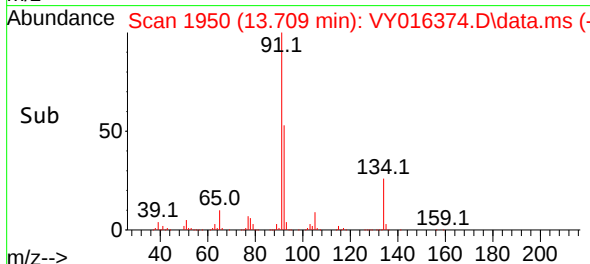
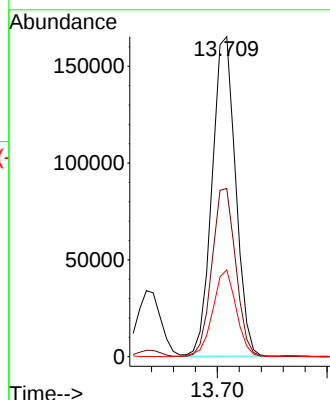
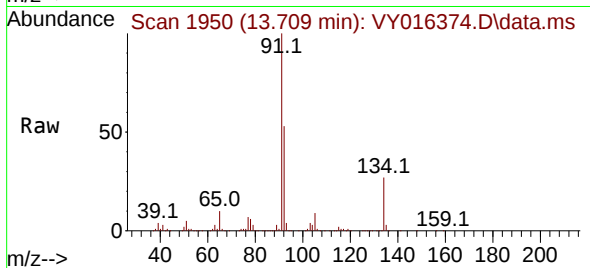
O-5(5-10)MS

Tgt Ion: 91 Resp: 246012
 Ion Ratio Lower Upper
 91 100
 92 53.4 25.4 76.0
 134 27.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



#90

Hexachloroethane

Concen: 51.407 ug/l

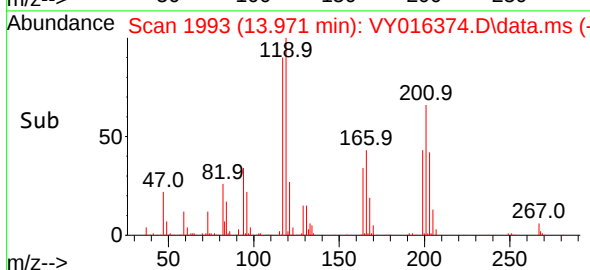
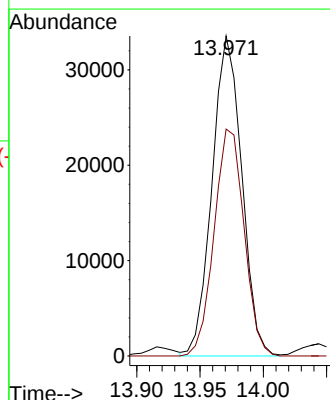
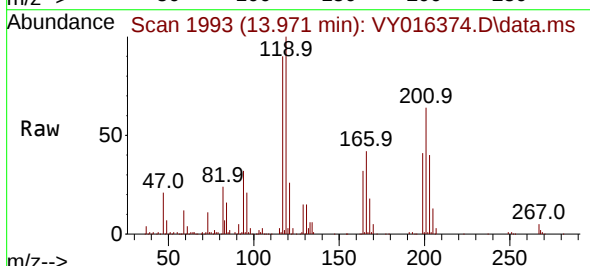
RT: 13.971 min Scan# 1993

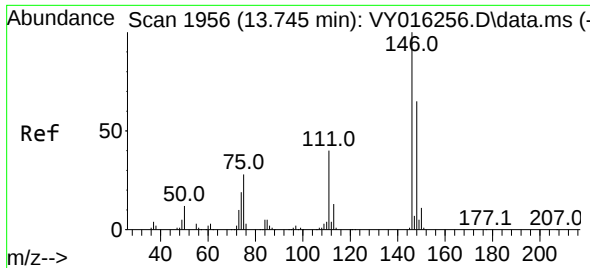
Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Tgt Ion:117 Resp: 54750
 Ion Ratio Lower Upper
 117 100
 201 71.5 41.6 124.8





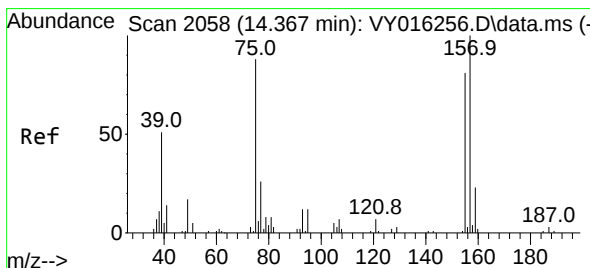
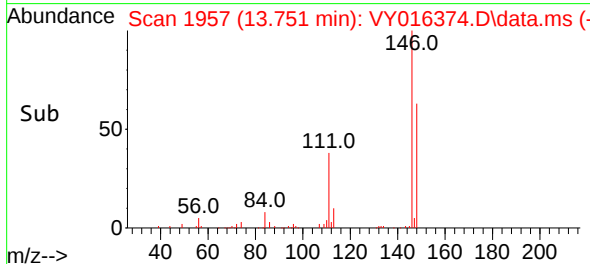
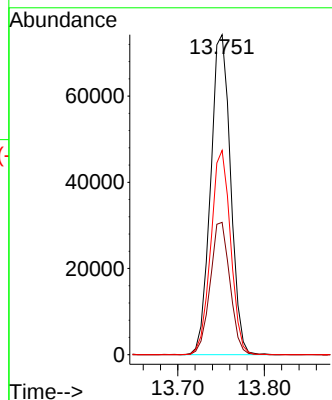
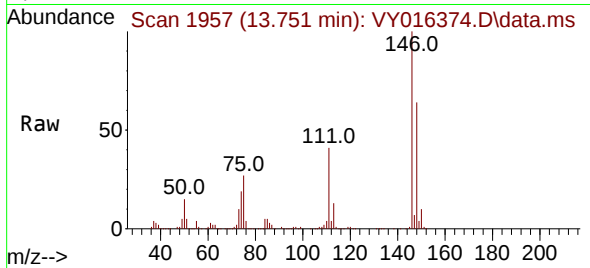
#91
1,2-Dichlorobenzene
Concen: 50.463 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Instrument :
MSVOA_Y
ClientSampleId :
O-5(5-10)MS

Tgt Ion:146 Resp: 11829
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 63.3 32.0 96.2

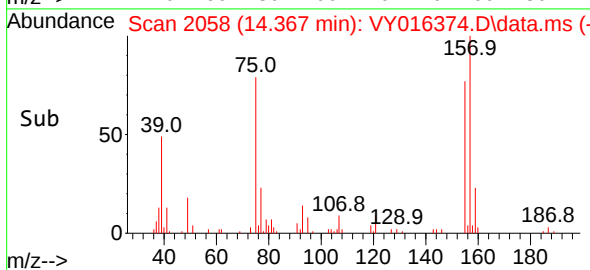
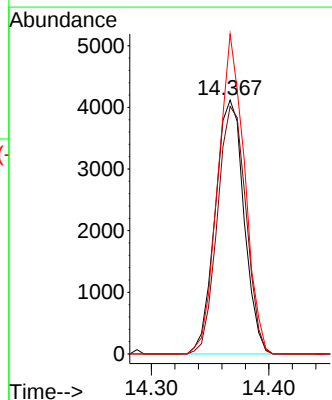
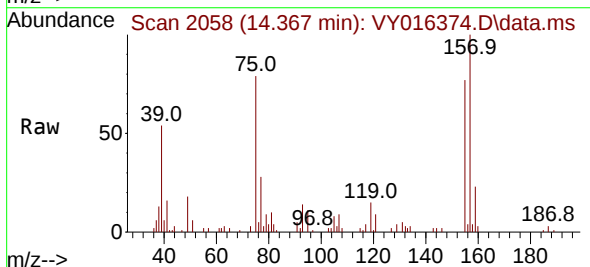
Manual Integrations
APPROVED

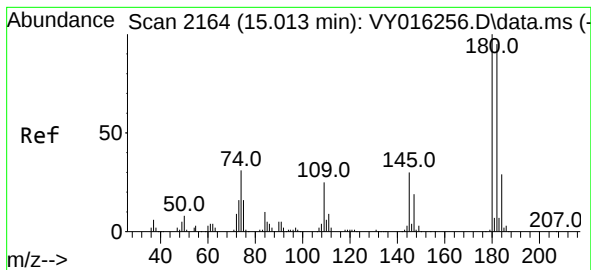
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.459 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016374.D
Acq: 15 Nov 2023 18:17

Tgt Ion: 75 Resp: 7012
Ion Ratio Lower Upper
75 100
155 96.3 41.5 124.6
157 116.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.893 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

O-5(5-10)MS

Tgt Ion:180 Resp: 6445

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

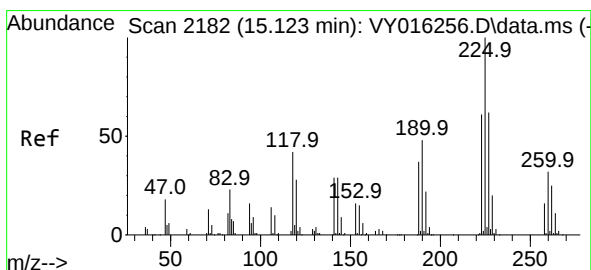
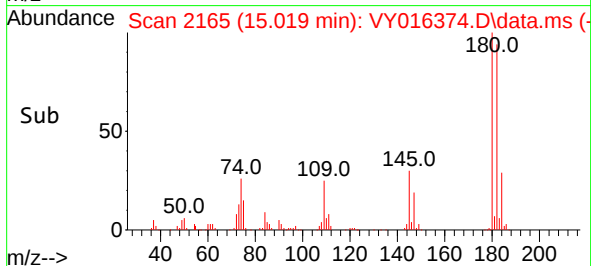
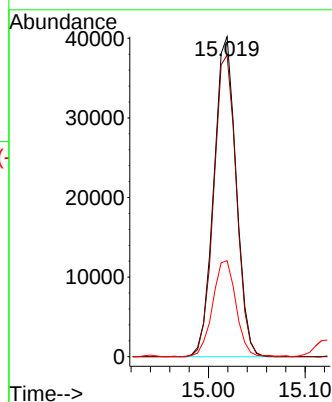
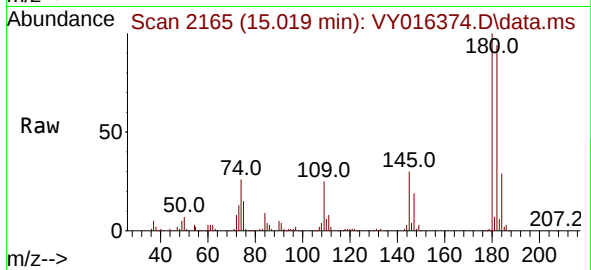
145 31.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#94

Hexachlorobutadiene

Concen: 42.351 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

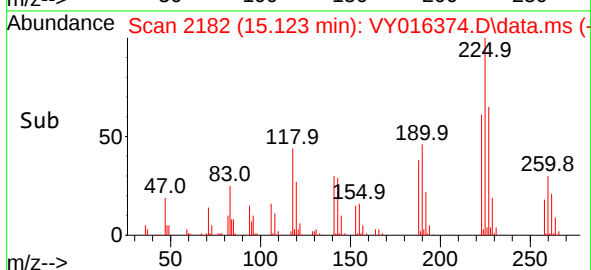
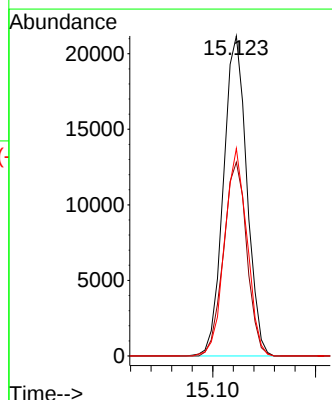
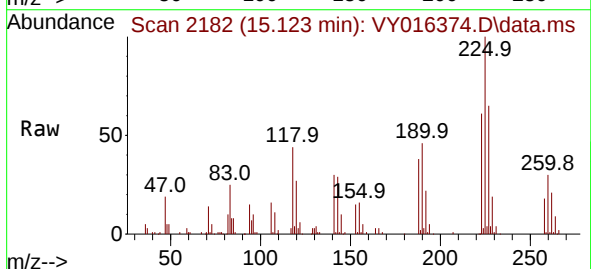
Tgt Ion:225 Resp: 33350

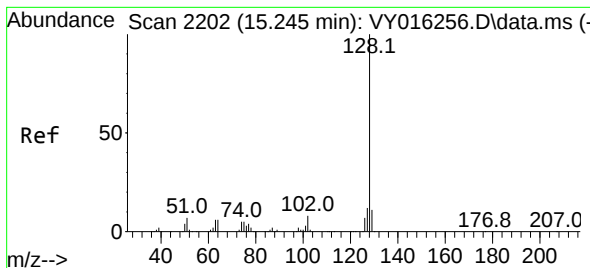
Ion Ratio Lower Upper

225 100

223 60.3 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 77.849 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

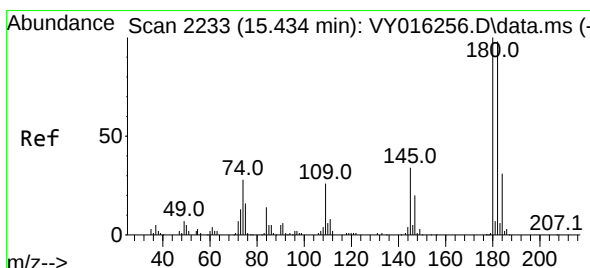
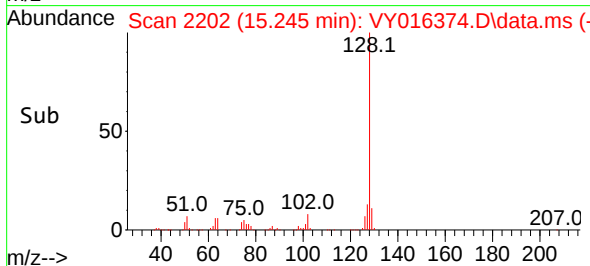
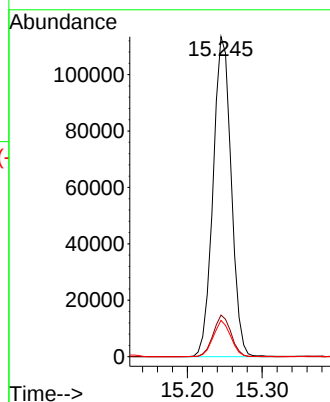
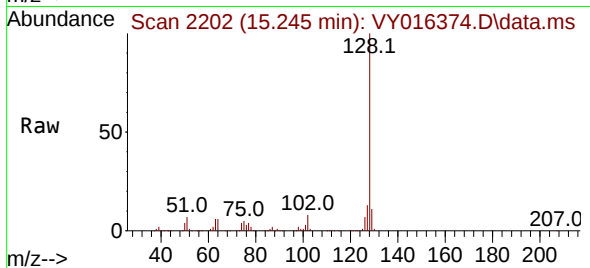
O-5(5-10)MS

Tgt Ion:128	Resp:	19137
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.8 16.2
129	11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.030 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016374.D

Acq: 15 Nov 2023 18:17

Tgt Ion:180	Resp:	52330
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.3 141.8
145	32.1	15.4 46.2

