

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
 Data File : VY017419.D
 Acq On : 20 Feb 2024 13:42
 Operator : SY/MD
 Sample : VY0220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
 Supervised By :Semsettin Yesilyurt 02/21/2024

Quant Time: Feb 20 15:04:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	151783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	246436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	211565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	60121	46.366	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.740%		
35) Dibromofluoromethane	7.734	113	66033	45.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.560%		
50) Toluene-d8	10.191	98	262142	46.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.720%		
62) 4-Bromofluorobenzene	12.489	95	76108	41.107	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	25188	20.811	ug/l	92
3) Chloromethane	2.119	50	47886	19.386	ug/l	99
4) Vinyl Chloride	2.260	62	66048	20.537	ug/l	97
5) Bromomethane	2.662	94	54723	21.371	ug/l	99
6) Chloroethane	2.802	64	42172	20.585	ug/l	97
7) Trichlorofluoromethane	3.137	101	55935	20.280	ug/l	94
8) Diethyl Ether	3.540	74	15882	20.373	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	32466	20.365	ug/l	99
10) Methyl Iodide	4.107	142	34550	20.365	ug/l	98
11) Tert butyl alcohol	4.979	59	8848	87.759	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	30349	20.254	ug/l	98
13) Acrolein	3.741	56	13808	102.343	ug/l	100
14) Allyl chloride	4.497	41	36572	20.136	ug/l	98
15) Acrylonitrile	5.180	53	29948	96.628	ug/l	99
16) Acetone	3.960	43	26476	94.281	ug/l	92
17) Carbon Disulfide	4.210	76	98507	20.693	ug/l	98
18) Methyl Acetate	4.497	43	13369	20.994	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	66827	19.744	ug/l	96
20) Methylene Chloride	4.735	84	38149	18.263	ug/l	99
21) trans-1,2-Dichloroethene	5.241	96	35709	20.604	ug/l	98
22) Diisopropyl ether	6.137	45	83784	20.057	ug/l	93
23) Vinyl Acetate	6.082	43	243121	97.931	ug/l	100
24) 1,1-Dichloroethane	6.039	63	58362	20.607	ug/l	96
25) 2-Butanone	7.003	43	37724	95.701	ug/l	95
26) 2,2-Dichloropropane	7.003	77	49738	20.411	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	38540	20.021	ug/l	98
28) Bromochloromethane	7.350	49	19937	18.763	ug/l	97
29) Tetrahydrofuran	7.368	42	22495	97.076	ug/l	98
30) Chloroform	7.521	83	61296	20.503	ug/l	97
31) Cyclohexane	7.801	56	51971	20.246	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	53210	20.151	ug/l	97
36) 1,1-Dichloropropene	7.935	75	48326	20.059	ug/l	98
37) Ethyl Acetate	7.094	43	16469	18.773	ug/l #	98
38) Carbon Tetrachloride	7.917	117	47442	19.778	ug/l	95
39) Methylcyclohexane	9.197	83	59067	20.029	ug/l	94
40) Benzene	8.179	78	142923	20.304	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	6666	15.559	ug/l #	78
42) 1,2-Dichloroethane	8.252	62	33449	19.576	ug/l	97
43) Isopropyl Acetate	8.289	43	30073	18.970	ug/l	99
44) Trichloroethene	8.953	130	38596	20.229	ug/l	96
45) 1,2-Dichloropropane	9.228	63	32274	19.835	ug/l	99
46) Dibromomethane	9.325	93	17842	19.292	ug/l	98
47) Bromodichloromethane	9.508	83	45076	19.823	ug/l	98
48) Methyl methacrylate	9.307	41	14329	19.264	ug/l	99
49) 1,4-Dioxane	9.307	88	3411	352.631	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	80427	94.153	ug/l	100
52) Toluene	10.258	92	87940	20.012	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	41081	19.511	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	50312	19.476	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	24402	19.176	ug/l	93
56) Ethyl methacrylate	10.520	69	26816	19.170	ug/l	96
57) 1,3-Dichloropropane	10.801	76	41200	19.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	67864	89.257	ug/l	99
59) 2-Hexanone	10.843	43	55982	95.147	ug/l	99
60) Dibromochloromethane	10.996	129	29449	19.468	ug/l	98
61) 1,2-Dibromoethane	11.099	107	22812	19.162	ug/l	97
64) Tetrachloroethene	10.734	164	33725	19.918	ug/l	98
65) Chlorobenzene	11.526	112	90728	19.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	32932	19.403	ug/l	98
67) Ethyl Benzene	11.605	91	159981	19.626	ug/l	98
68) m/p-Xylenes	11.715	106	125715	39.231	ug/l	100
69) o-Xylene	12.038	106	56908	19.358	ug/l	99
70) Styrene	12.057	104	95448	19.768	ug/l	98
71) Bromoform	12.221	173	16741	18.958	ug/l #	96
73) Isopropylbenzene	12.343	105	152405	20.821	ug/l	100
74) N-amyl acetate	12.154	43	24414	19.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	26494	20.252	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	17810m	19.384	ug/l	
77) Bromobenzene	12.617	156	33883	19.738	ug/l	99
78) n-propylbenzene	12.684	91	185945	21.002	ug/l	99
79) 2-Chlorotoluene	12.770	91	99882	20.489	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	121094	20.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7727	19.608	ug/l	95
82) 4-Chlorotoluene	12.867	91	104372	20.747	ug/l	99
83) tert-Butylbenzene	13.087	119	107262	20.981	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	118877	20.496	ug/l	100
85) sec-Butylbenzene	13.264	105	164897	21.000	ug/l	100
86) p-Isopropyltoluene	13.379	119	132220	20.444	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	69476	20.040	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	66443	19.849	ug/l	99
89) n-Butylbenzene	13.709	91	122794	20.876	ug/l	99
90) Hexachloroethane	13.971	117	25282	19.950	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	58619	20.088	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3045	18.415	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	30993	20.313	ug/l	98
94) Hexachlorobutadiene	15.123	225	19230	20.722	ug/l	98
95) Naphthalene	15.245	128	48570	19.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	25470	19.856	ug/l	99

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

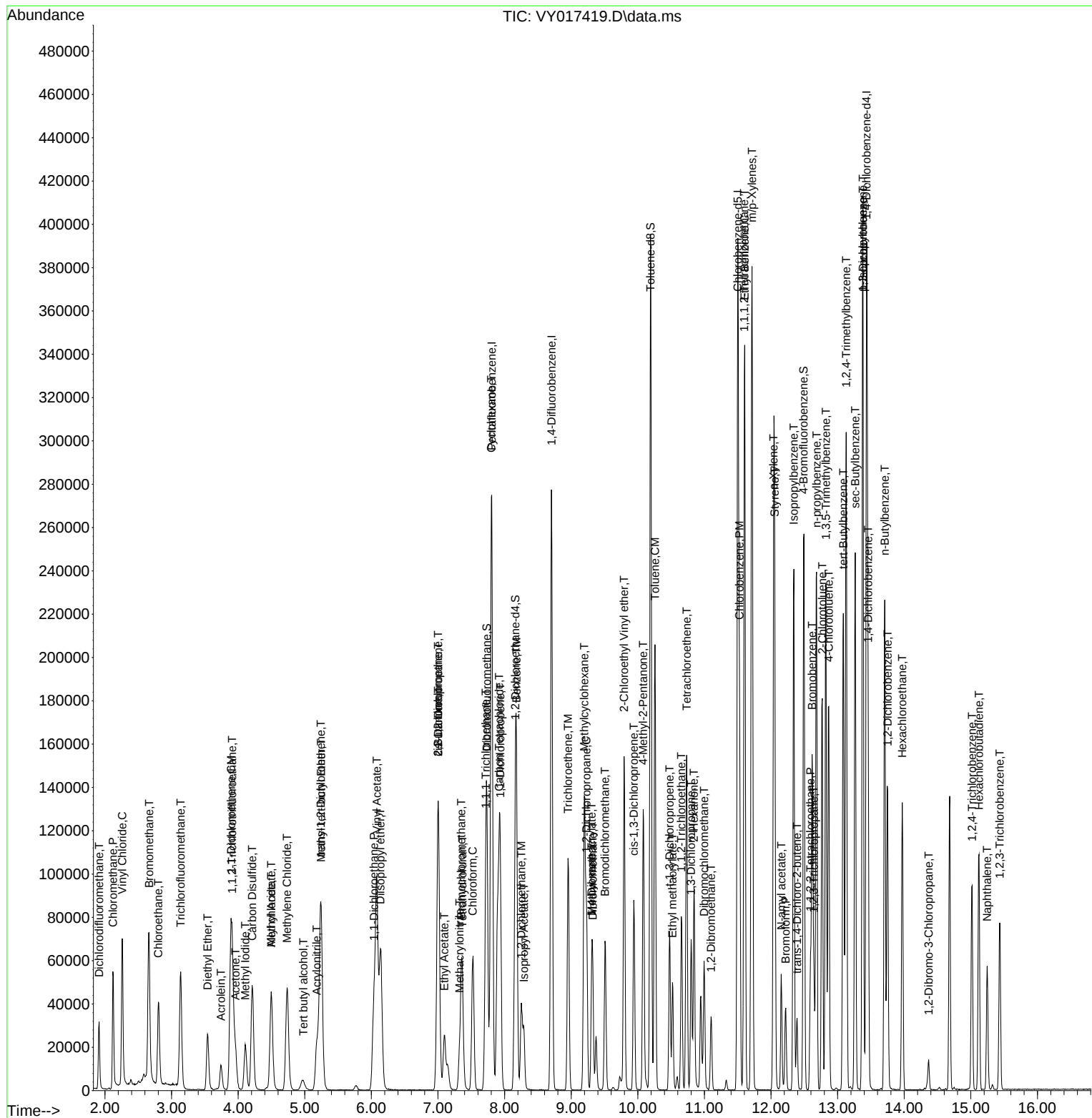
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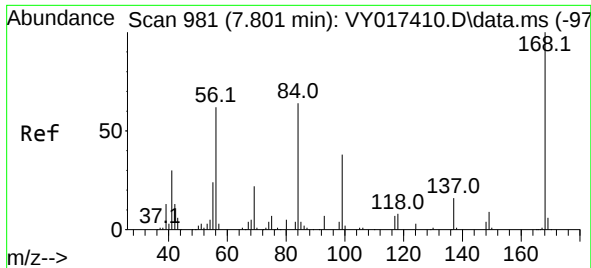
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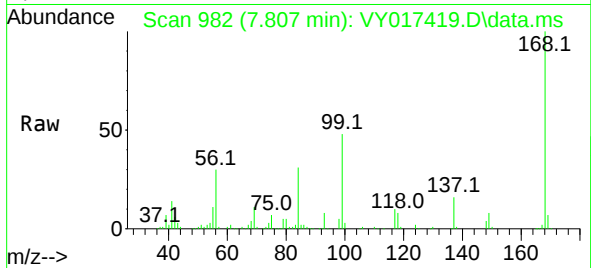
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
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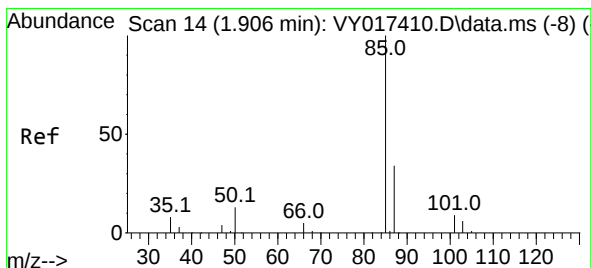
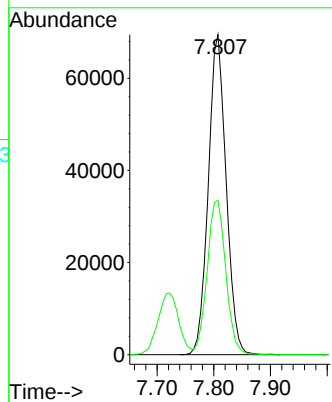
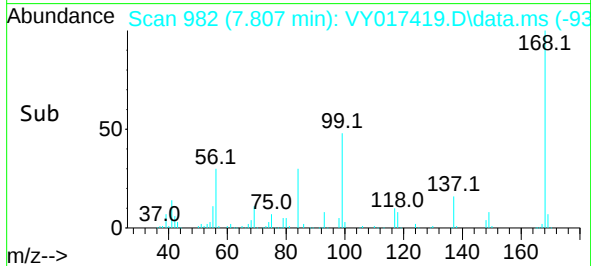
Instrument :
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ClientSampleId :
VY0220SBS01



Tgt Ion:168 Resp: 15178
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7

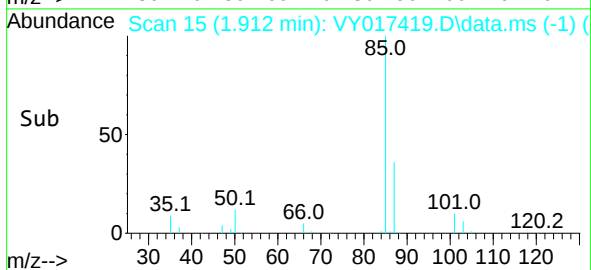
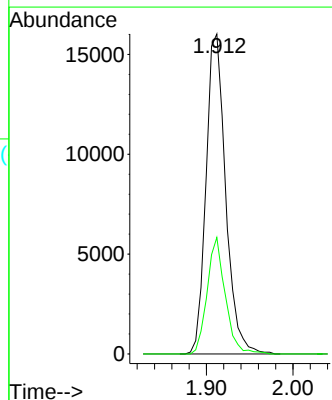
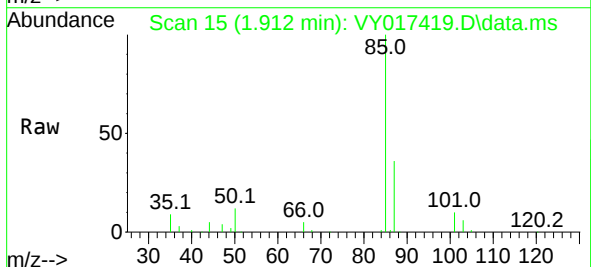
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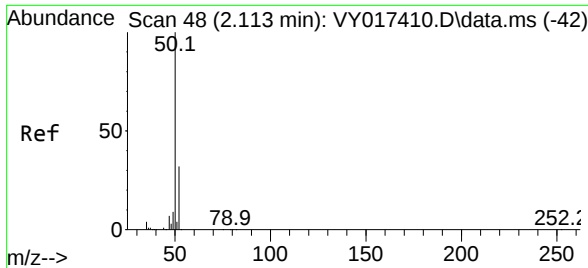
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#2
Dichlorodifluoromethane
Concen: 20.811 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

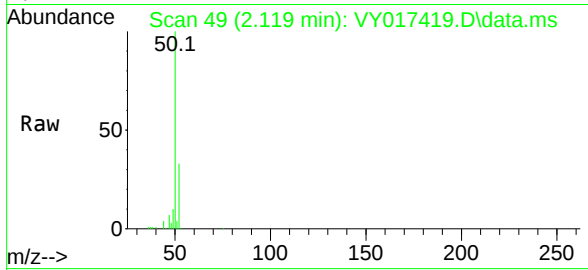
Tgt Ion: 85 Resp: 25188
Ion Ratio Lower Upper
85 100
87 36.4 16.0 48.0





#3
Chloromethane
Concen: 19.386 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

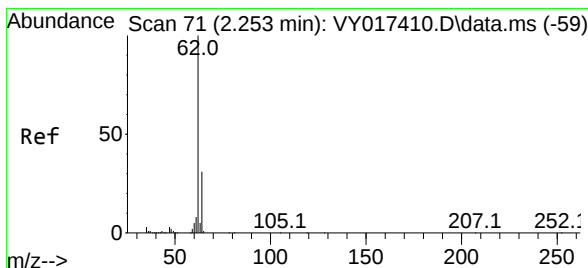
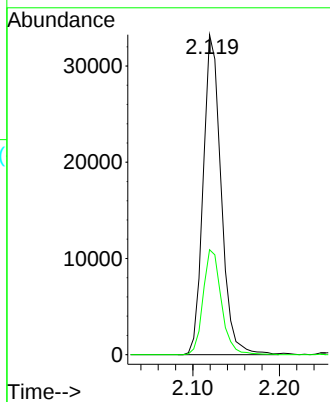
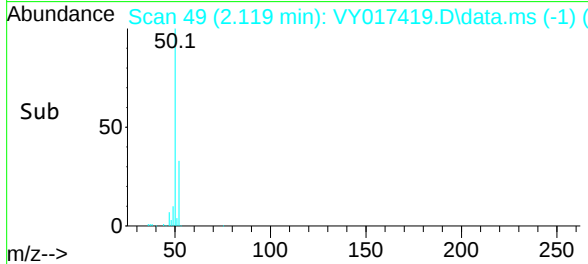
Instrument :
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Tgt Ion: 50 Resp: 47880
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4

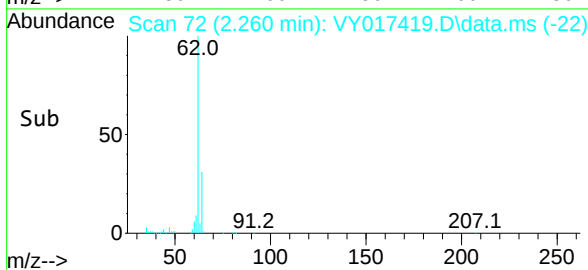
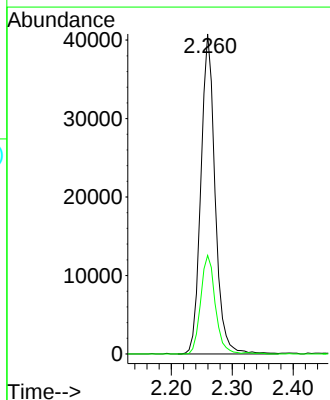
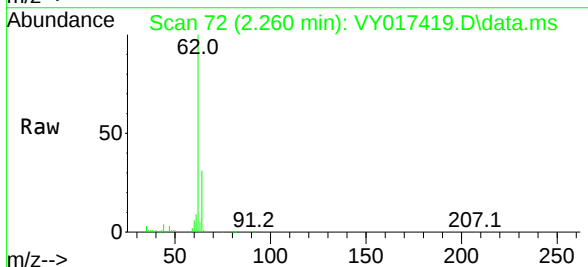
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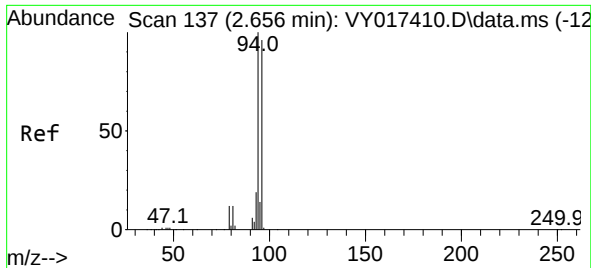
Reviewed By :Mahesh Dadoda 02/21/2024
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#4
Vinyl Chloride
Concen: 20.537 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

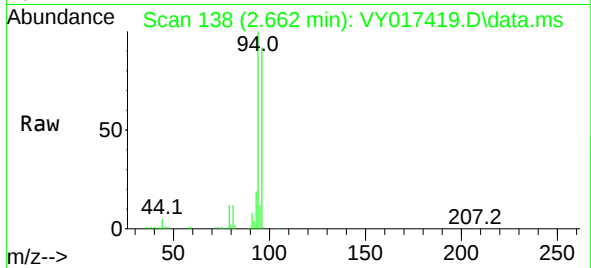
Tgt Ion: 62 Resp: 66048
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1





#5
Bromomethane
Concen: 21.371 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

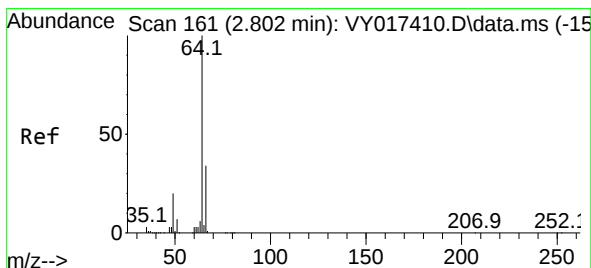
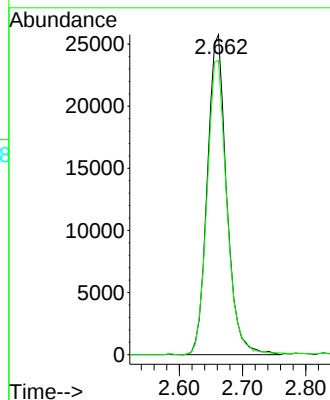
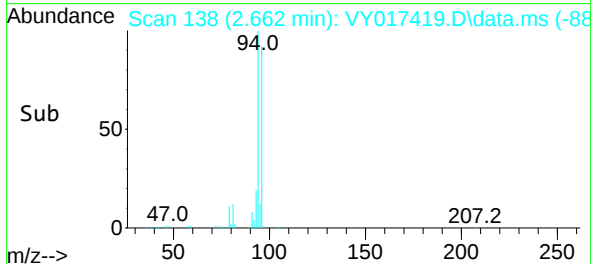
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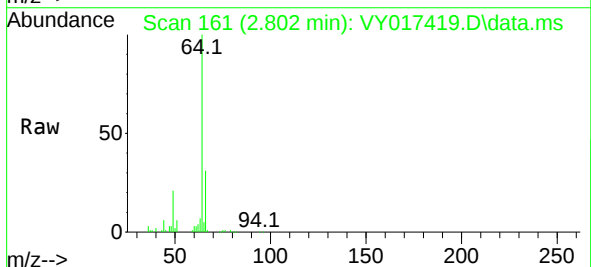
Tgt Ion: 94 Resp: 5472
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1

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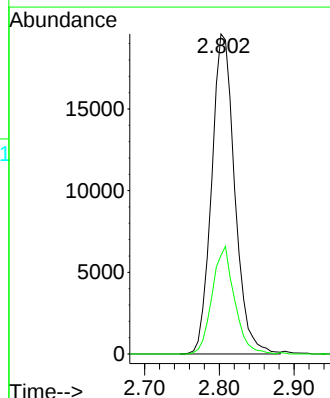
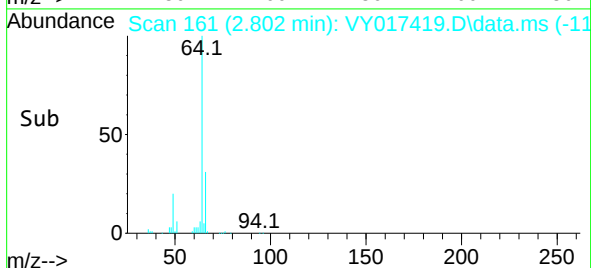
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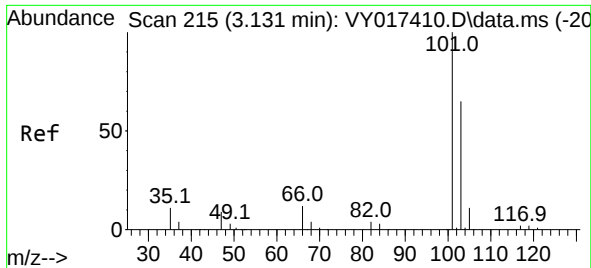


#6
Chloroethane
Concen: 20.585 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



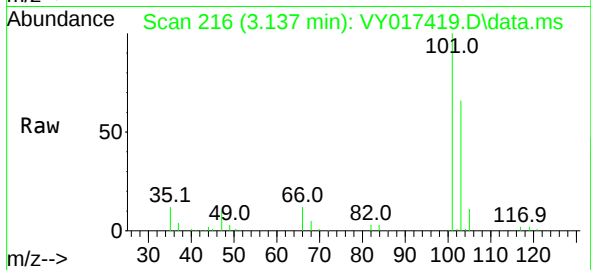
Tgt Ion: 64 Resp: 42172
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 20.280 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

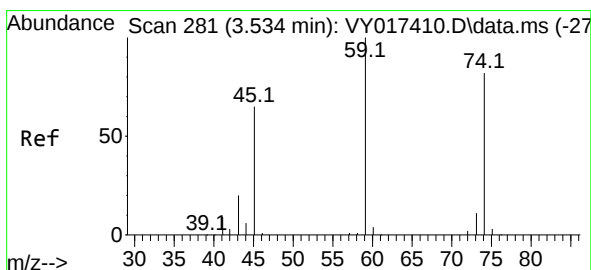
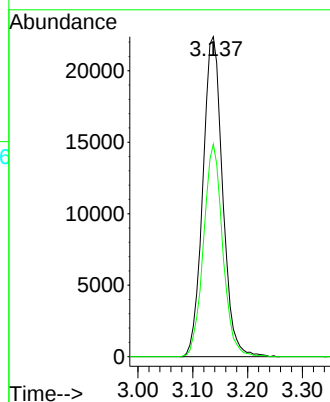
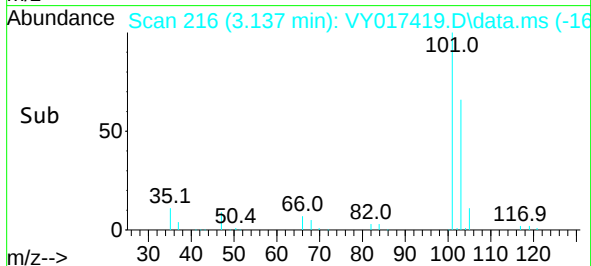
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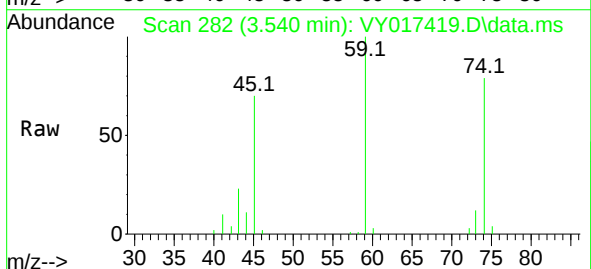
Tgt Ion:101 Resp: 5593
Ion Ratio Lower Upper
101 100
103 66.4 49.3 73.9

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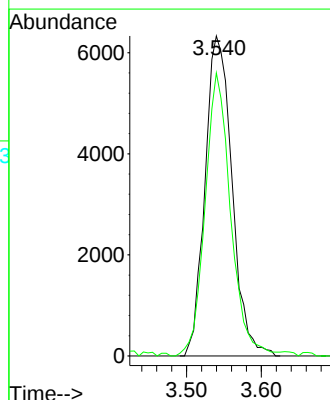
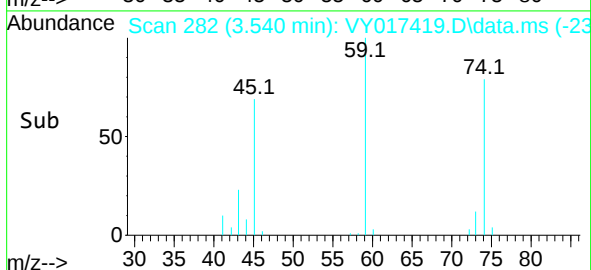
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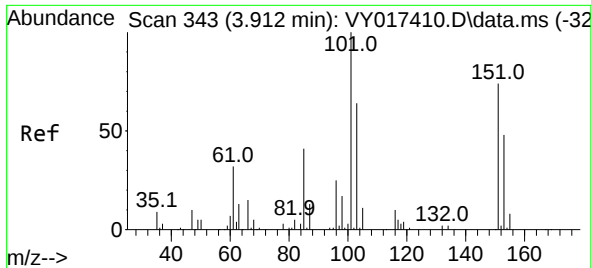


#8
Diethyl Ether
Concen: 20.373 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



Tgt Ion: 74 Resp: 15882
Ion Ratio Lower Upper
74 100
45 83.6 41.3 124.1





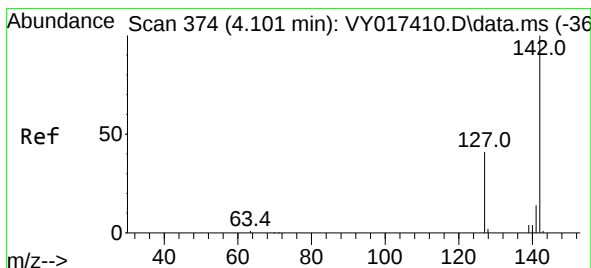
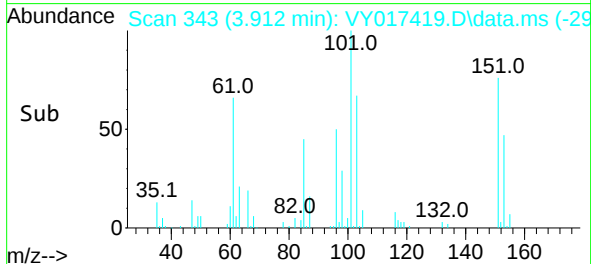
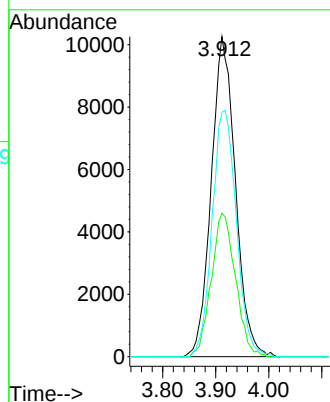
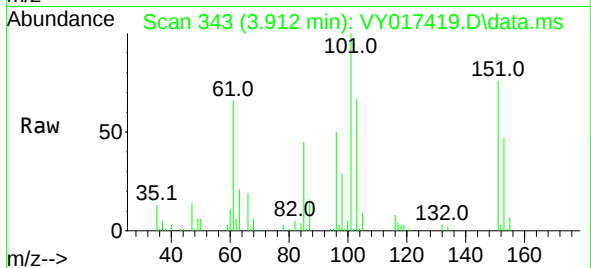
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.365 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion:101 Resp: 3246
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 77.4 61.7 92.5

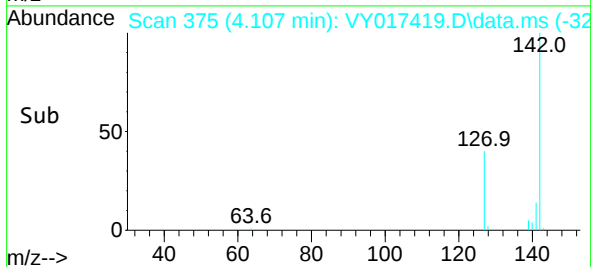
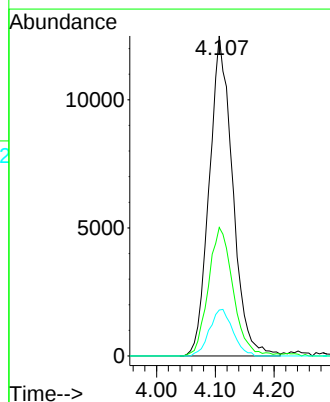
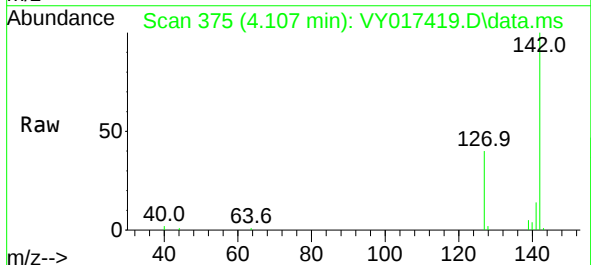
Manual Integrations
APPROVED

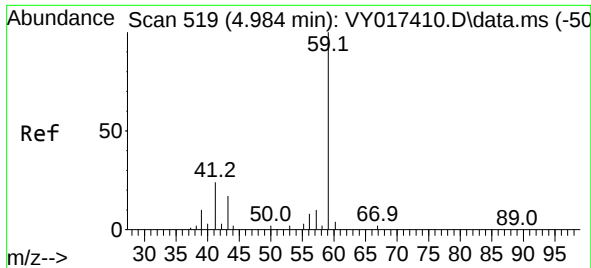
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#10
Methyl Iodide
Concen: 20.365 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion:142 Resp: 34550
Ion Ratio Lower Upper
142 100
127 42.6 32.8 49.2
141 14.5 11.4 17.2





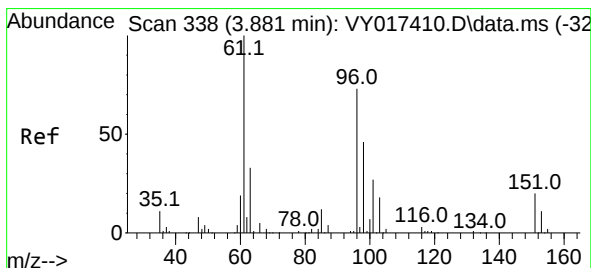
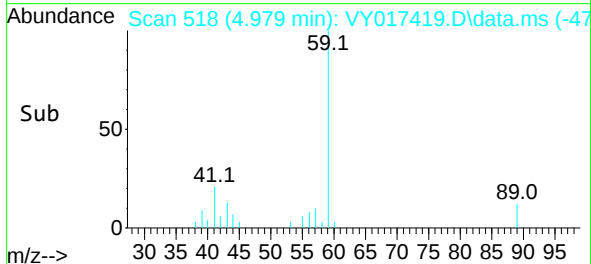
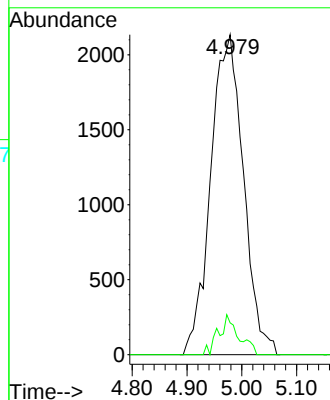
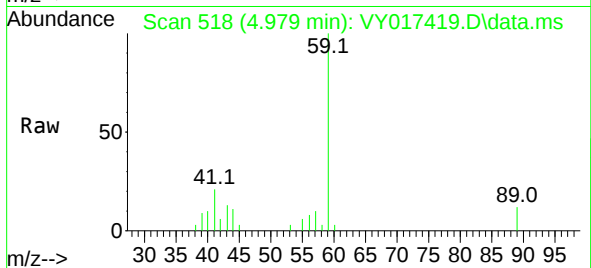
#11
Tert butyl alcohol
Concen: 87.759 ug/l
RT: 4.979 min Scan# 519
Delta R.T. -0.005 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 59 Resp: 884
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.6

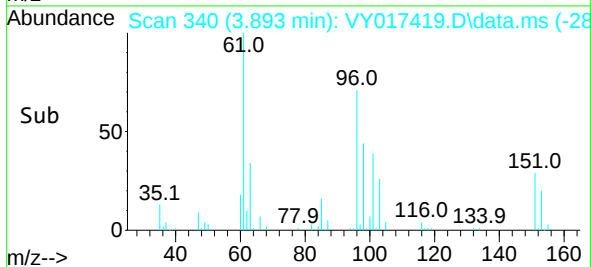
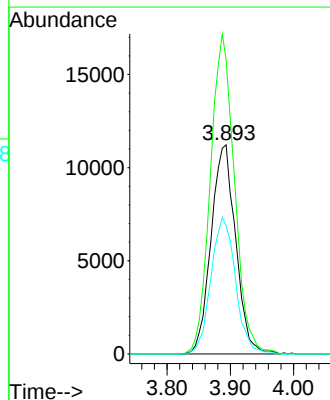
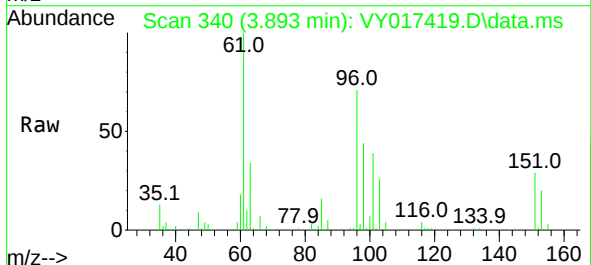
Manual Integrations
APPROVED

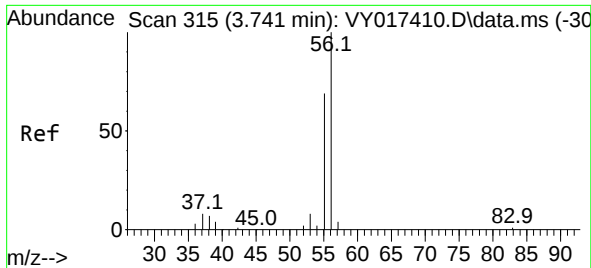
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#12
1,1-Dichloroethene
Concen: 20.254 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

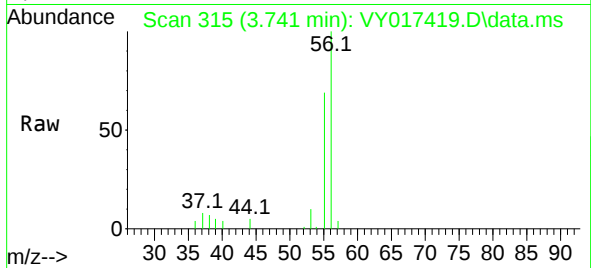
Tgt Ion: 96 Resp: 30349
Ion Ratio Lower Upper
96 100
61 140.7 114.6 171.8
98 61.3 50.8 76.2





#13
Acrolein
Concen: 102.343 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

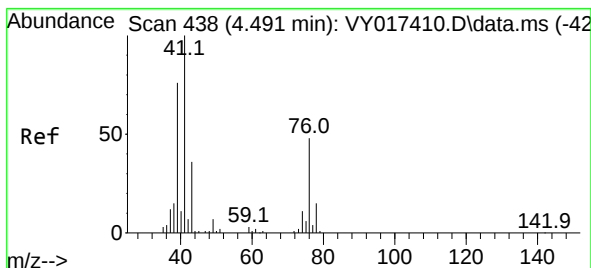
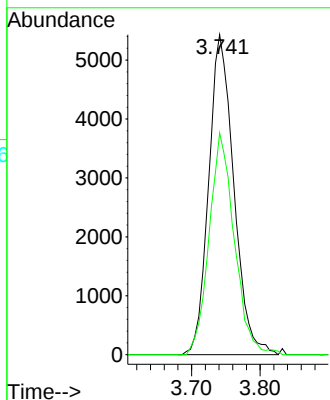
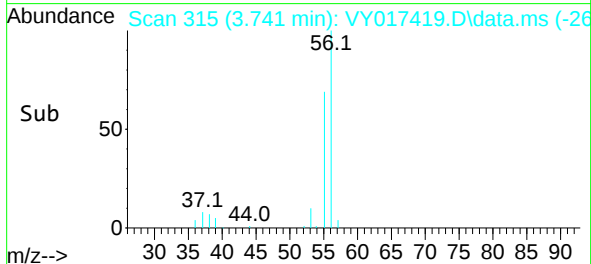
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



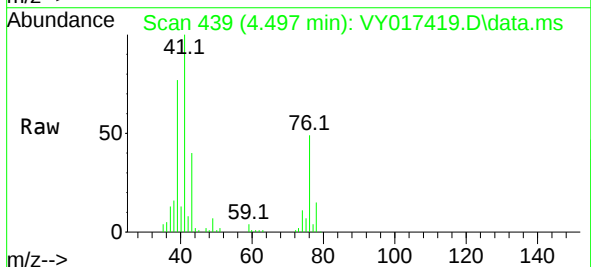
Tgt Ion: 56 Resp: 13808
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5

Manual Integrations
APPROVED

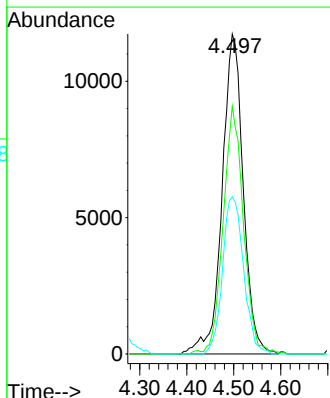
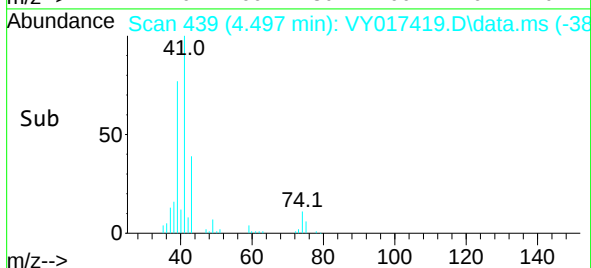
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

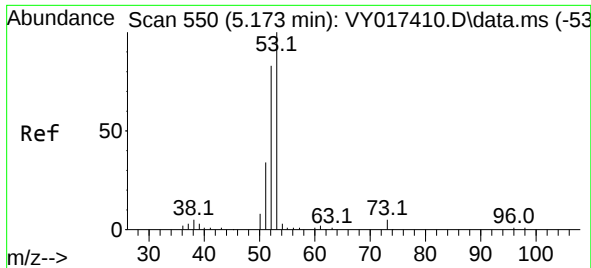


#14
Allyl chloride
Concen: 20.136 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



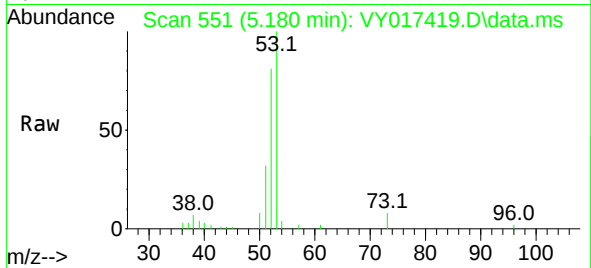
Tgt Ion: 41 Resp: 36572
Ion Ratio Lower Upper
41 100
39 74.9 58.3 87.5
76 49.1 39.0 58.6





#15
Acrylonitrile
Concen: 96.628 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

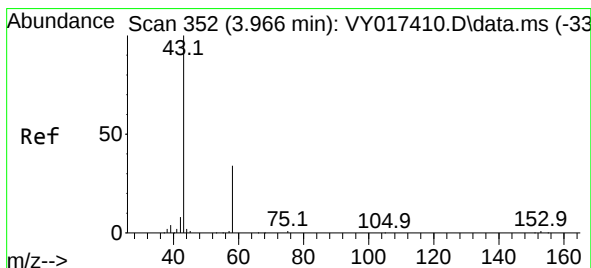
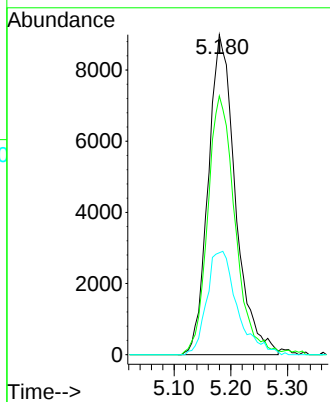
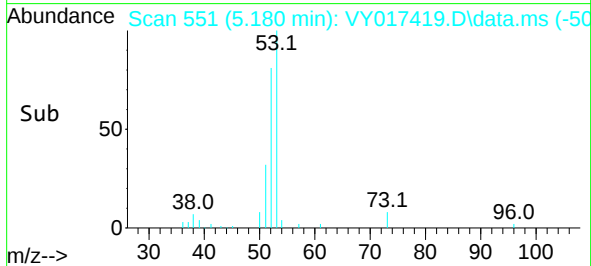
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 53 Resp: 29948
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 36.0 28.4 42.6

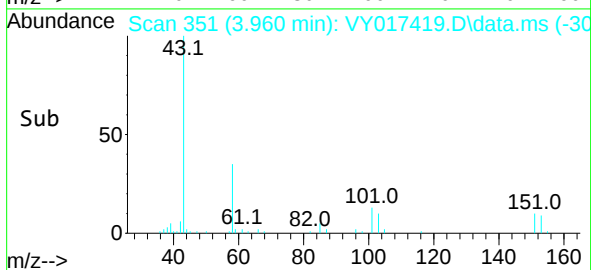
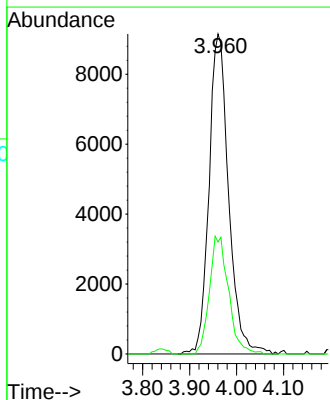
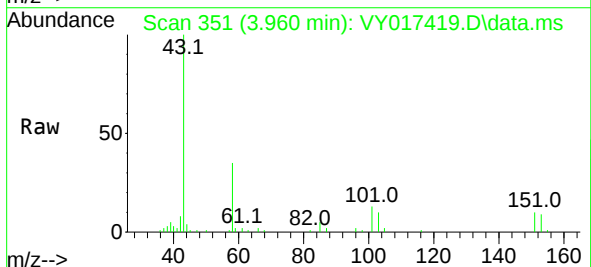
Manual Integrations
APPROVED

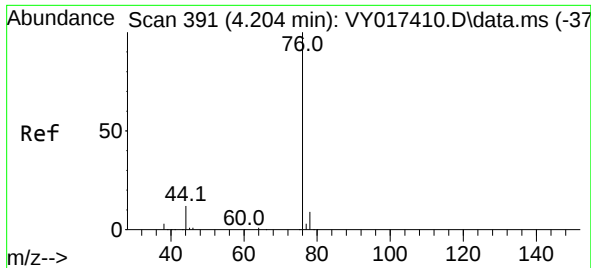
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#16
Acetone
Concen: 94.281 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 43 Resp: 26476
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5





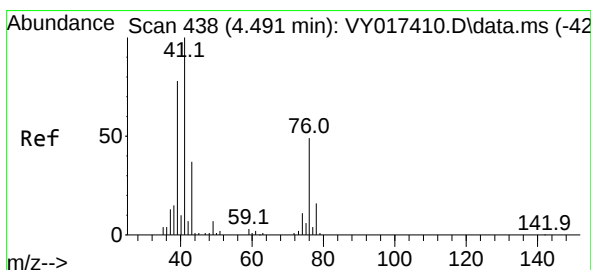
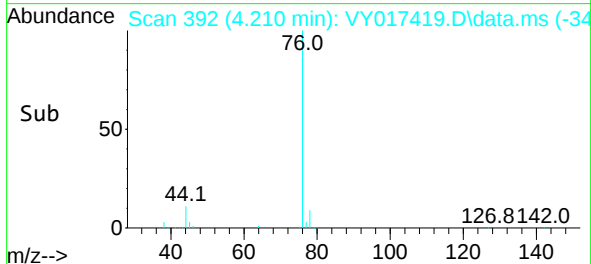
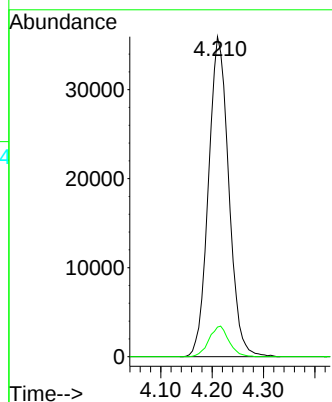
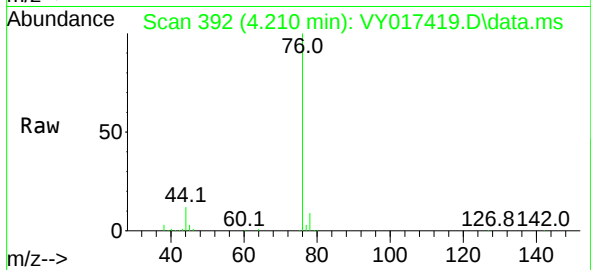
#17
Carbon Disulfide
Concen: 20.693 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion: 76 Resp: 9850
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

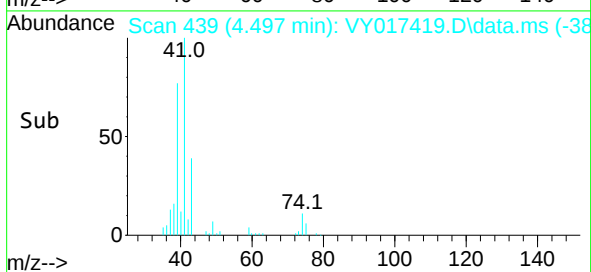
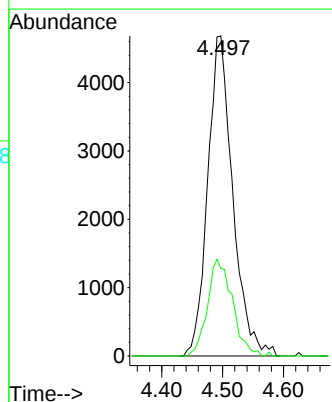
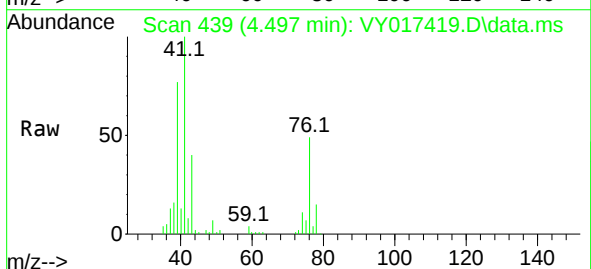
Manual Integrations
APPROVED

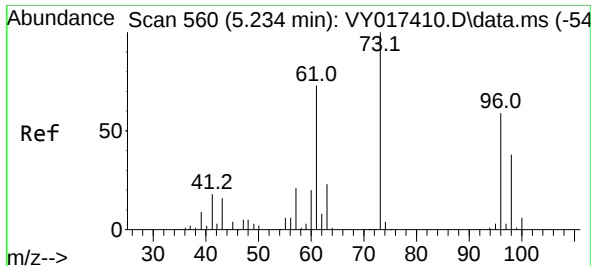
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#18
Methyl Acetate
Concen: 20.994 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 43 Resp: 13369
Ion Ratio Lower Upper
43 100
74 30.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.744 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.012 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 73 Resp: 6682

Ion Ratio Lower Upper

73 100

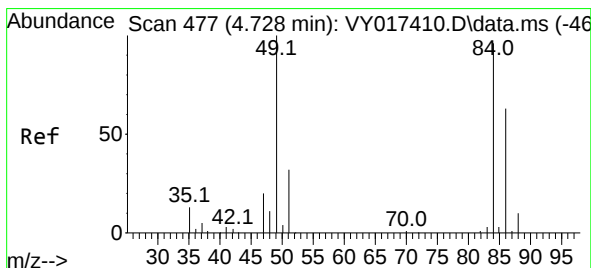
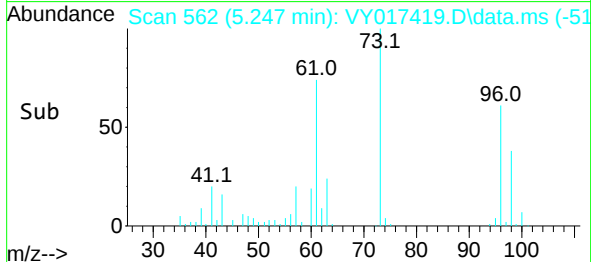
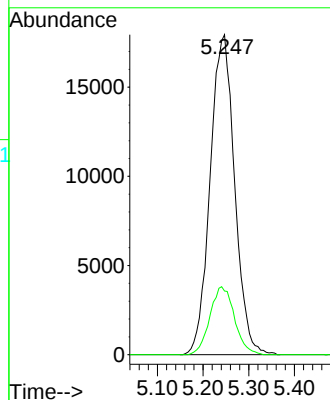
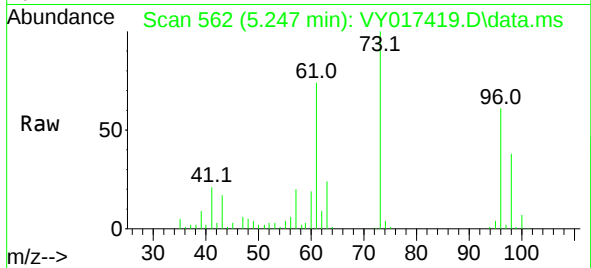
57 19.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#20

Methylene Chloride

Concen: 18.263 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.007 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion: 84 Resp: 38149

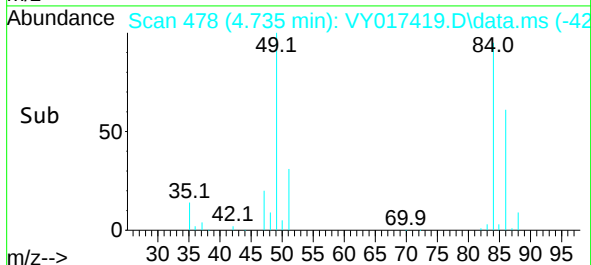
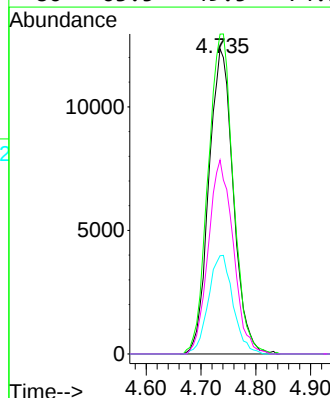
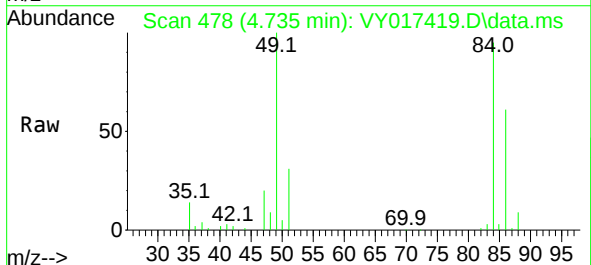
Ion Ratio Lower Upper

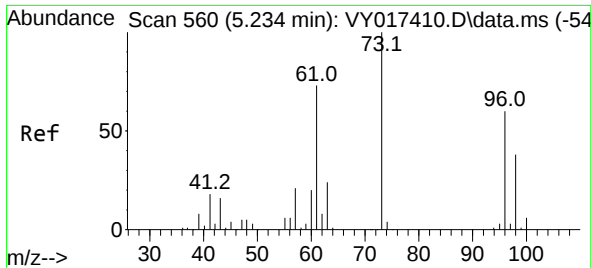
84 100

49 104.8 84.4 126.6

51 32.2 26.0 39.0

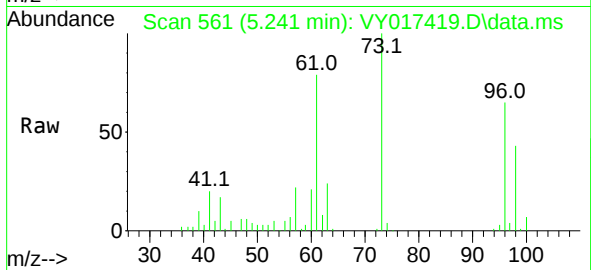
86 63.5 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 20.604 ug/l
RT: 5.241 min Scan# 509
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

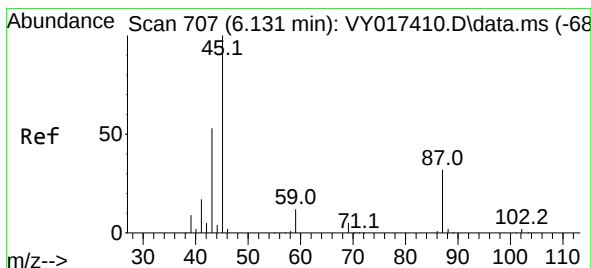
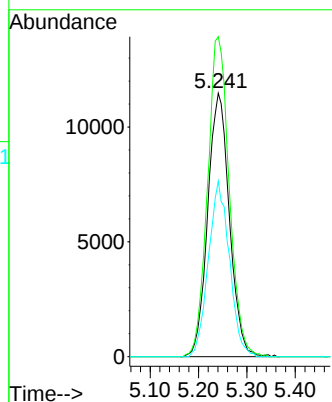
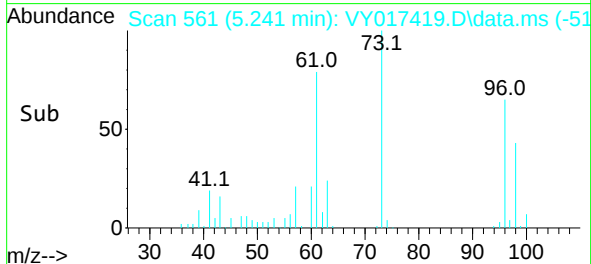
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



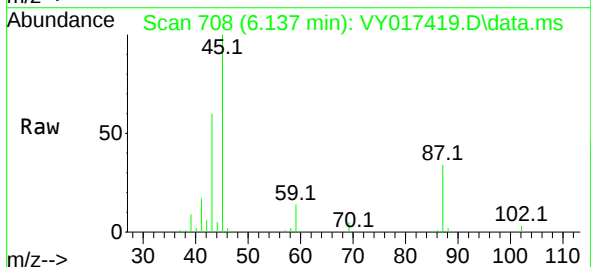
Tgt Ion: 96 Resp: 35709
Ion Ratio Lower Upper
96 100
61 121.4 97.5 146.3
98 66.6 50.5 75.7

Manual Integrations
APPROVED

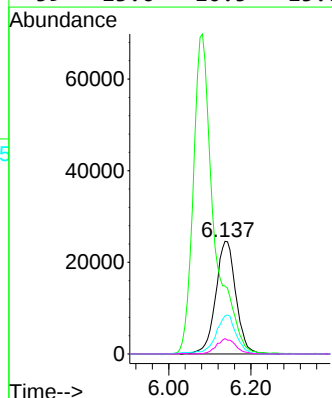
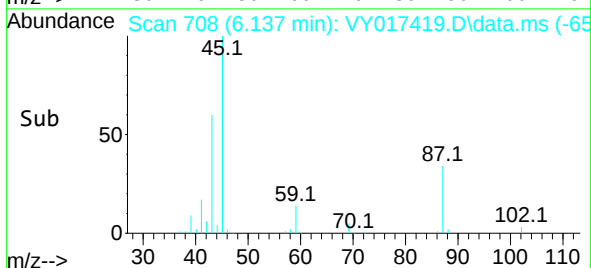
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

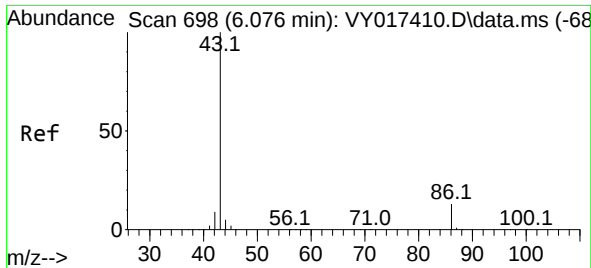


#22
Diisopropyl ether
Concen: 20.057 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



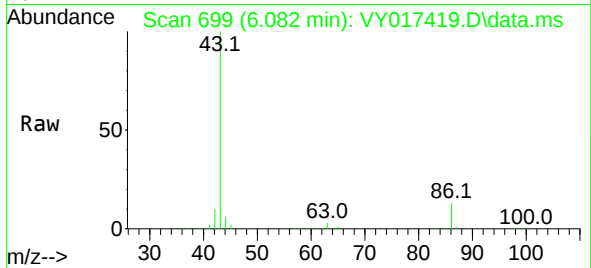
Tgt Ion: 45 Resp: 83784
Ion Ratio Lower Upper
45 100
43 59.9 42.2 63.2
87 33.9 25.0 37.6
59 13.6 10.5 15.7





#23
Vinyl Acetate
Concen: 97.931 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

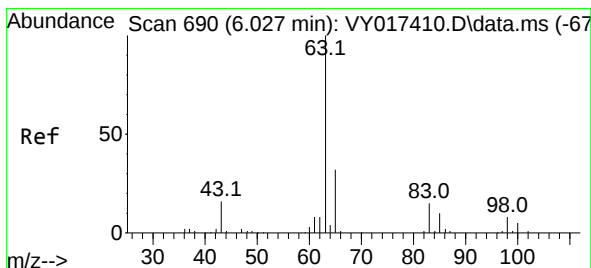
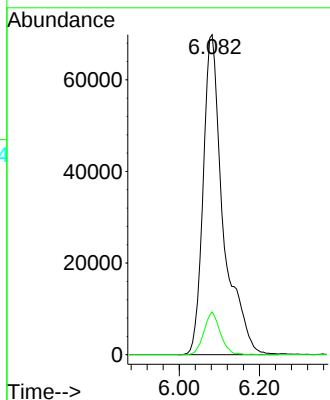
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



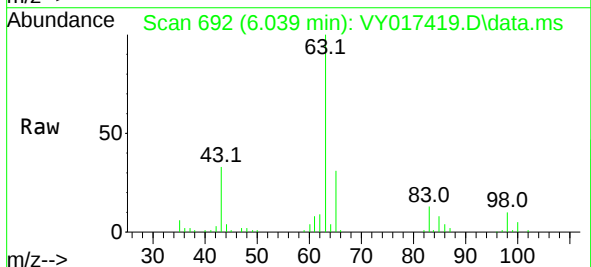
Tgt Ion: 43 Resp: 24312
Ion Ratio Lower Upper
43 100
86 13.3 10.6 16.0

Manual Integrations
APPROVED

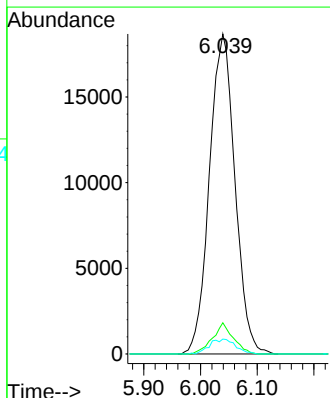
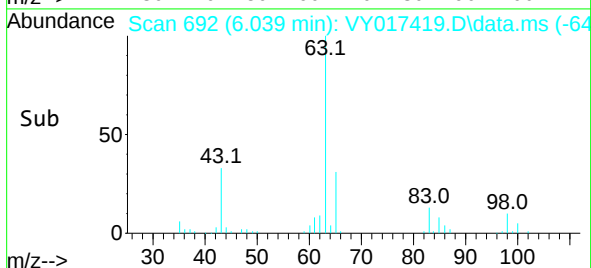
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

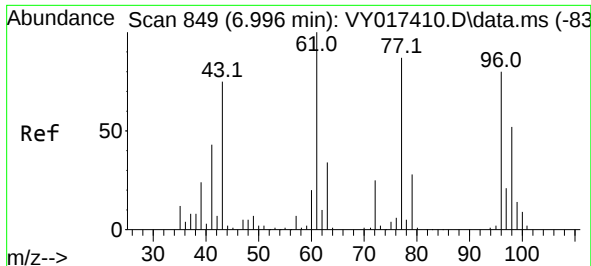


#24
1,1-Dichloroethane
Concen: 20.607 ug/l
RT: 6.039 min Scan# 692
Delta R.T. 0.012 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



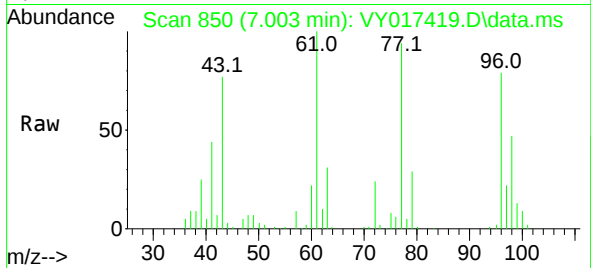
Tgt Ion: 63 Resp: 58362
Ion Ratio Lower Upper
63 100
98 9.8 4.0 12.2
100 4.6 2.6 8.0





#25
2-Butanone
Concen: 95.701 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

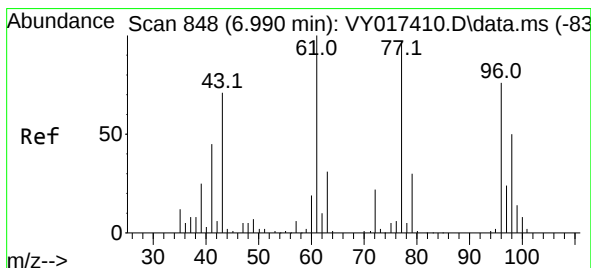
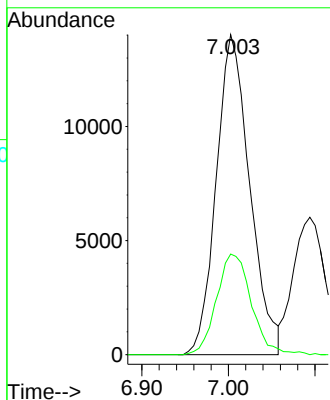
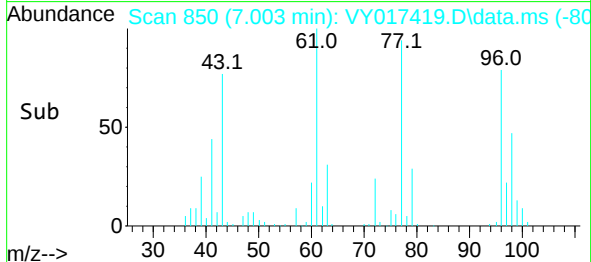
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



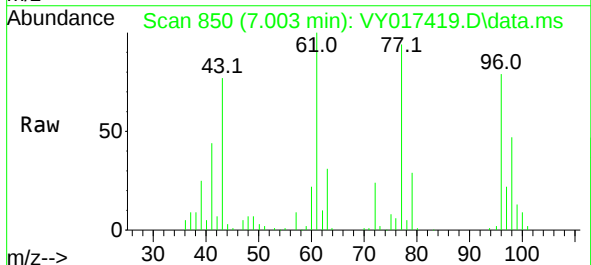
Tgt Ion: 43 Resp: 37724
Ion Ratio Lower Upper
43 100
72 31.5 27.3 40.9

Manual Integrations
APPROVED

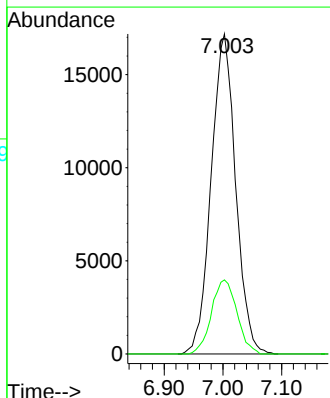
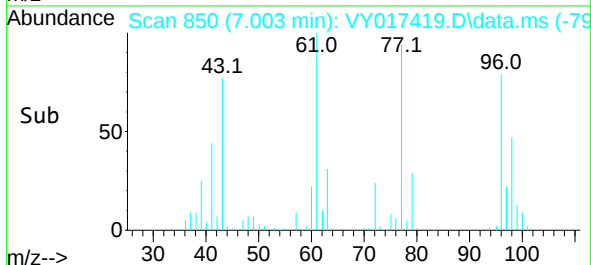
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

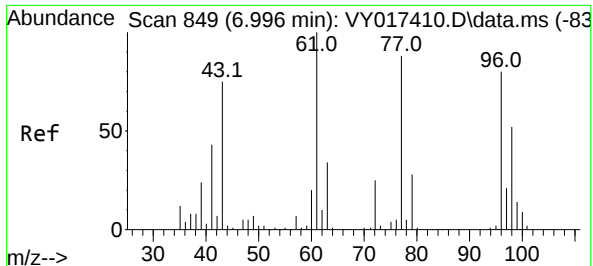


#26
2,2-Dichloropropane
Concen: 20.411 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



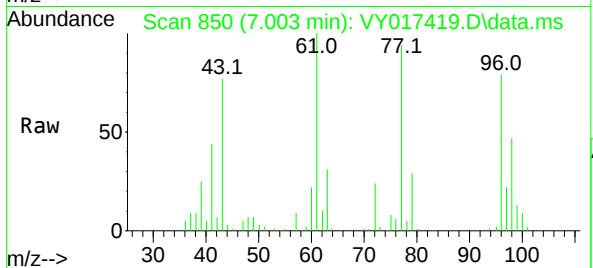
Tgt Ion: 77 Resp: 49738
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 20.021 ug/l
RT: 7.003 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

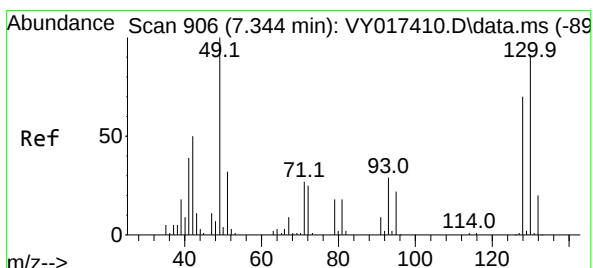
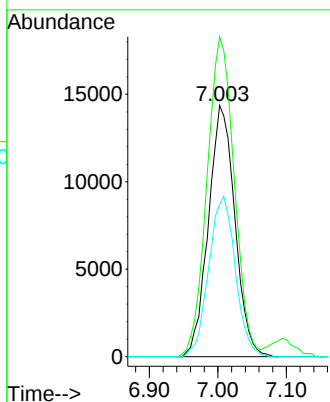
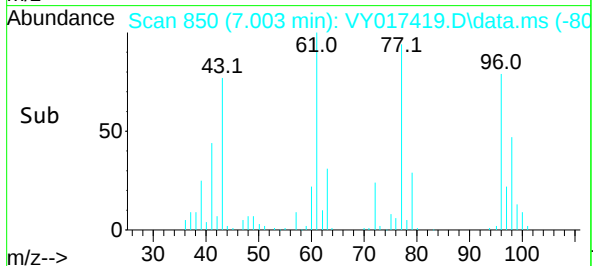
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



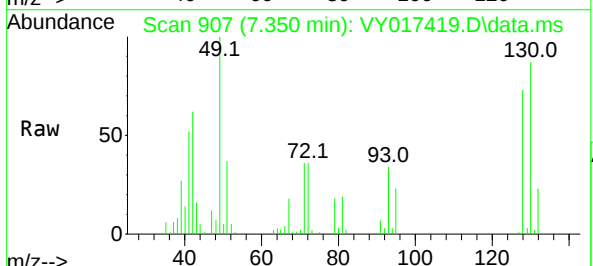
Tgt Ion: 96 Resp: 38540
Ion Ratio Lower Upper
96 100
61 131.3 0.0 256.2
98 64.2 0.0 130.0

Manual Integrations
APPROVED

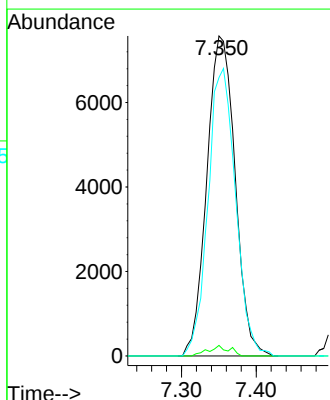
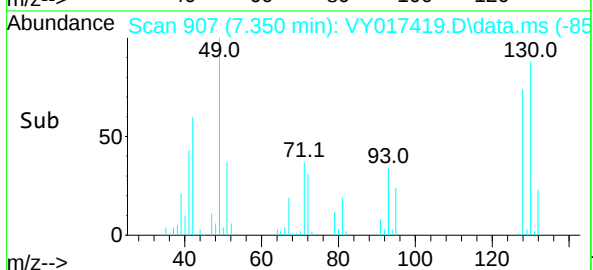
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

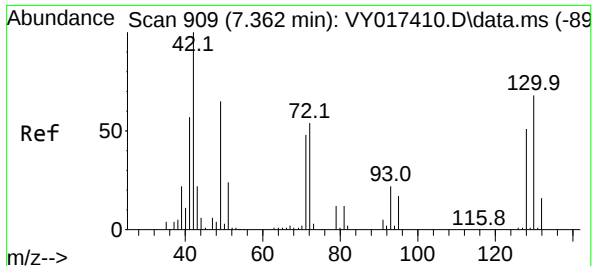


#28
Bromochloromethane
Concen: 18.763 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



Tgt Ion: 49 Resp: 19937
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 87.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 97.076 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017419.D

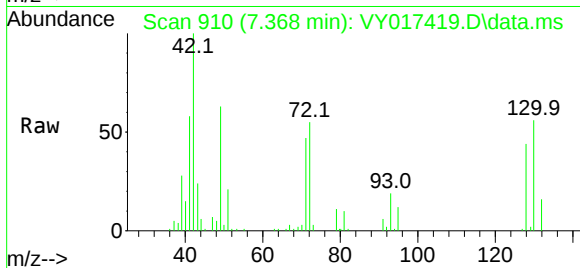
Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

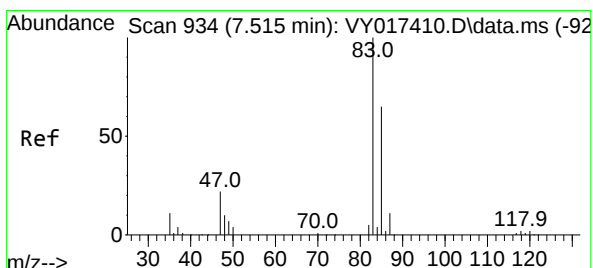
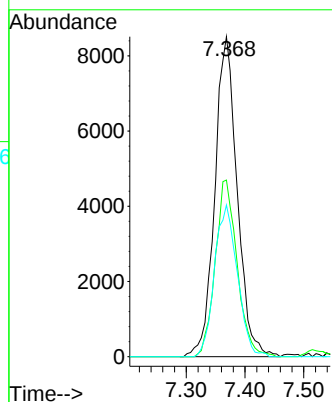
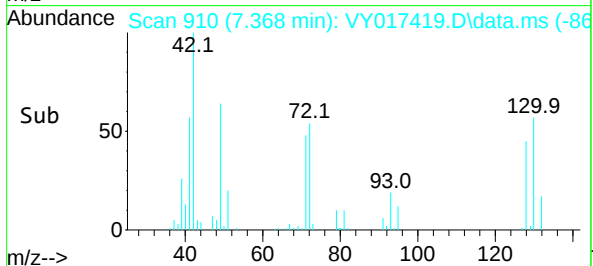


Tgt Ion:	42	Resp:	2249
Ion Ratio	100	Lower	Upper
42	100		
72	54.0	43.0	64.4
71	48.5	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#30

Chloroform

Concen: 20.503 ug/l

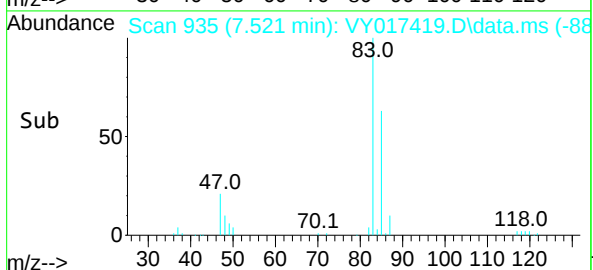
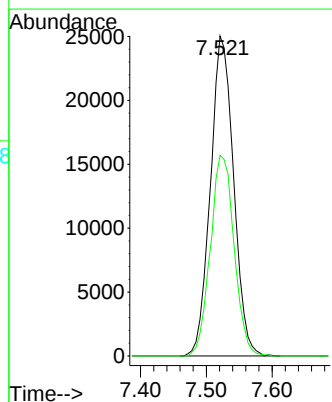
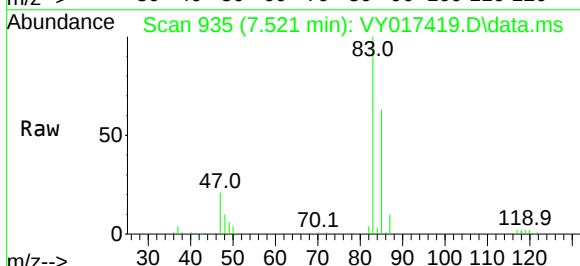
RT: 7.521 min Scan# 935

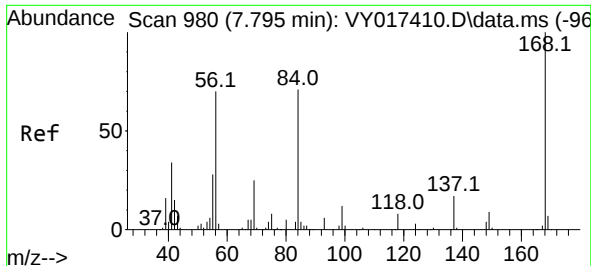
Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion:	83	Resp:	61296
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	52.2	78.4





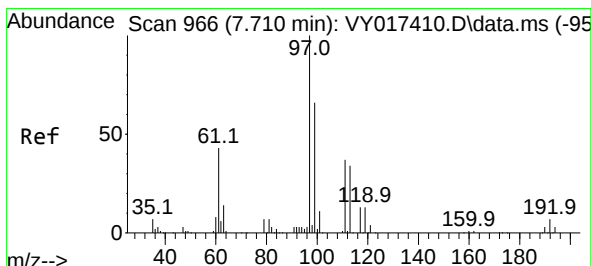
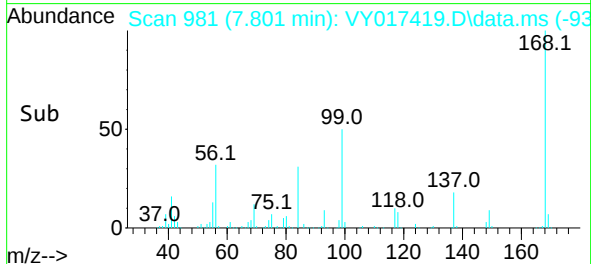
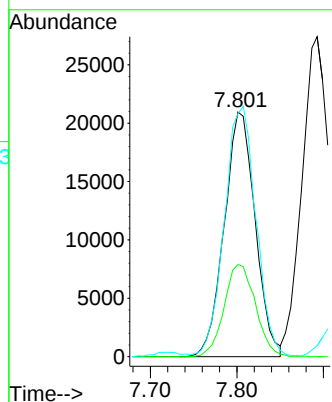
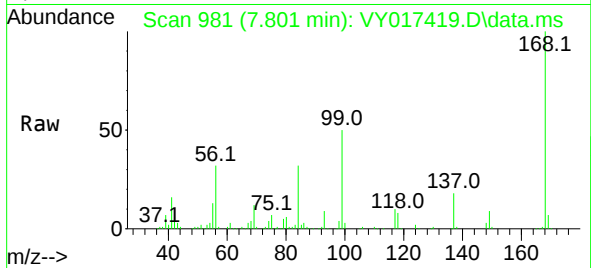
#31
Cyclohexane
Concen: 20.246 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion: 56 Resp: 5197
Ion Ratio Lower Upper
56 100
69 37.7 28.7 43.1
84 98.2 77.7 116.5

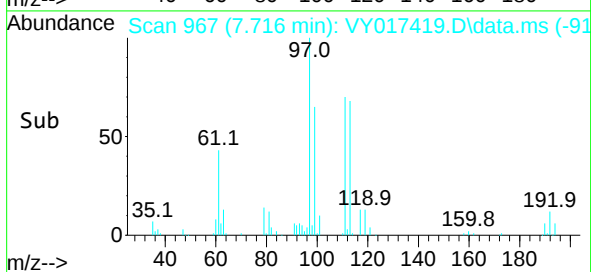
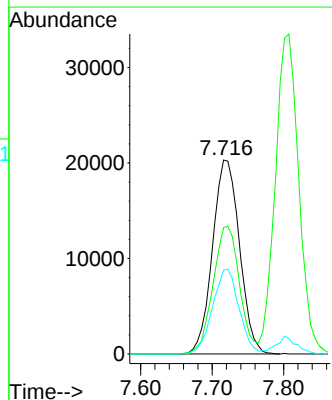
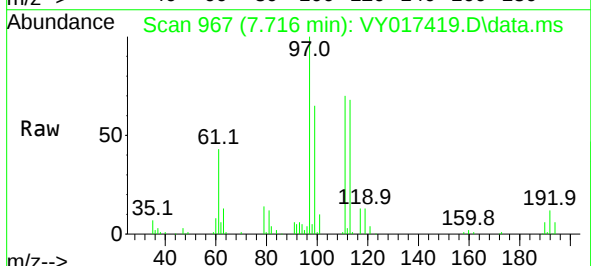
Manual Integrations
APPROVED

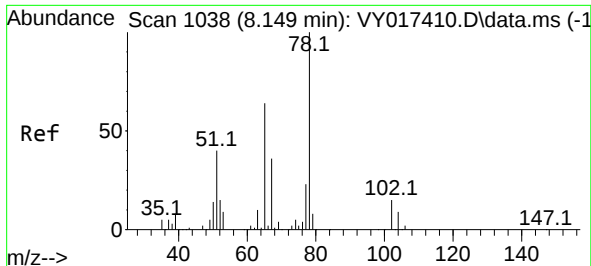
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#32
1,1,1-Trichloroethane
Concen: 20.151 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 97 Resp: 53210
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 42.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.366 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 65 Resp: 6012

Ion Ratio Lower Upper

65 100

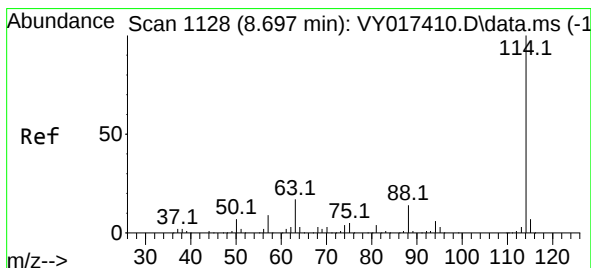
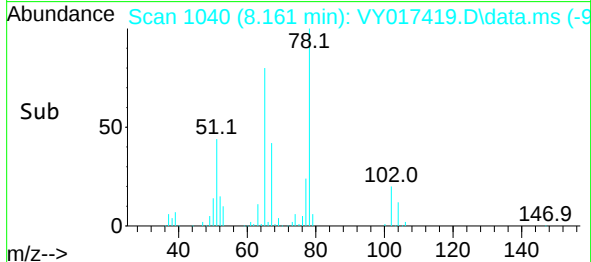
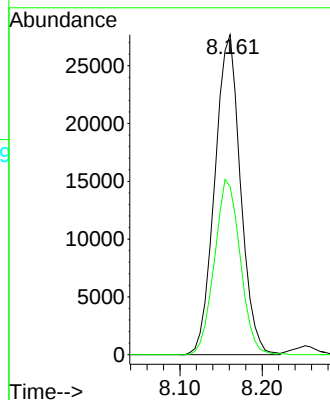
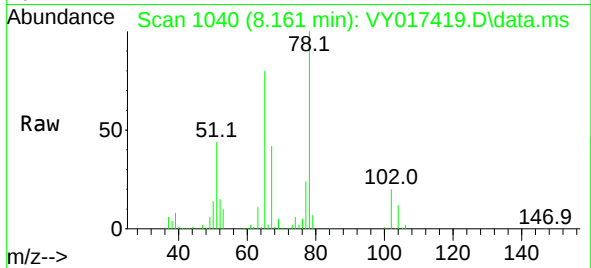
67 54.9 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

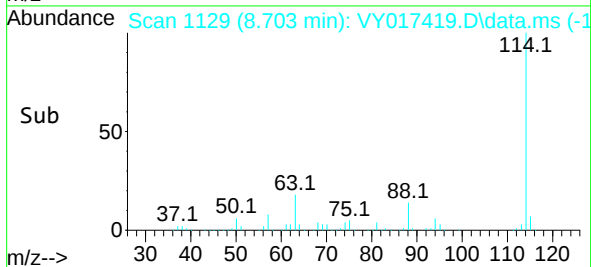
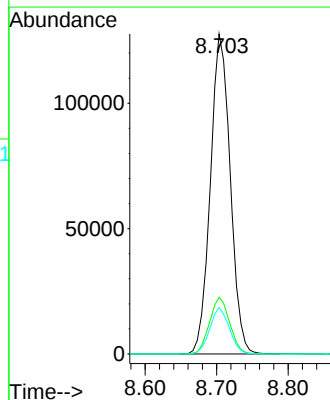
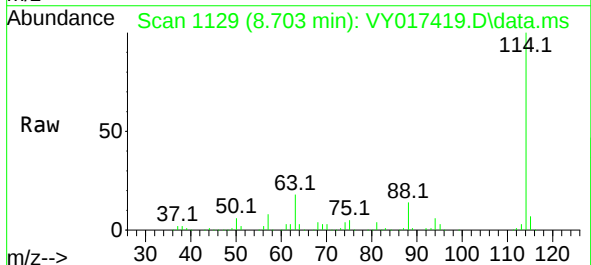
Tgt Ion:114 Resp: 246436

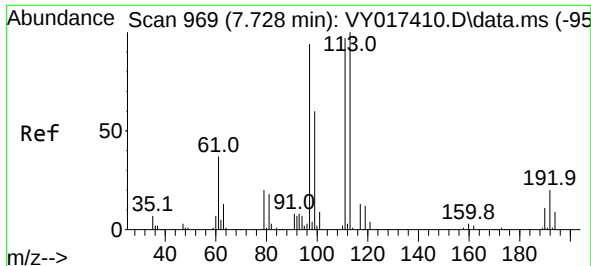
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.5 0.0 27.2





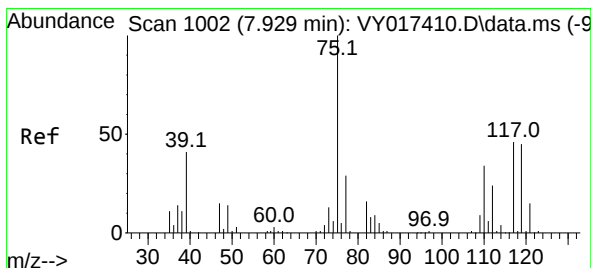
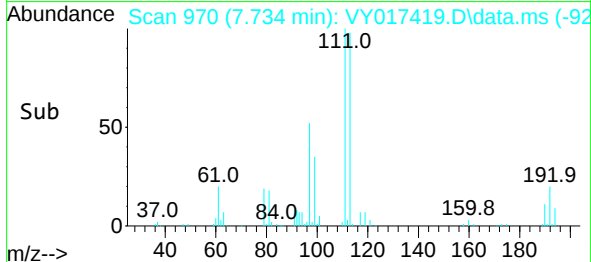
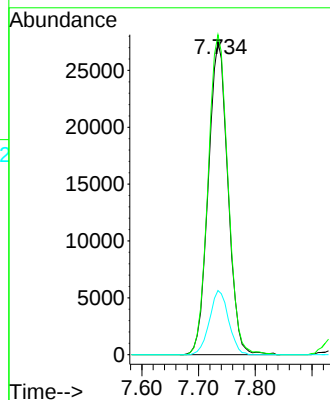
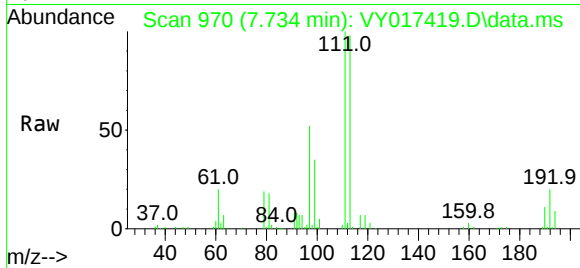
#35
Dibromofluoromethane
Concen: 45.775 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion:113 Resp: 6603
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 19.9 15.9 23.9

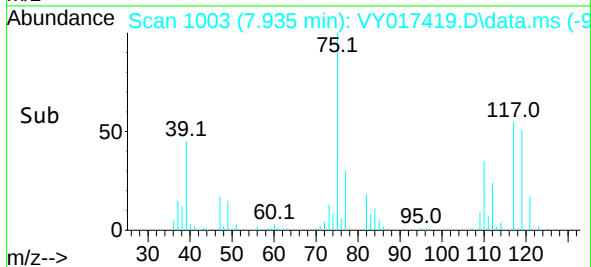
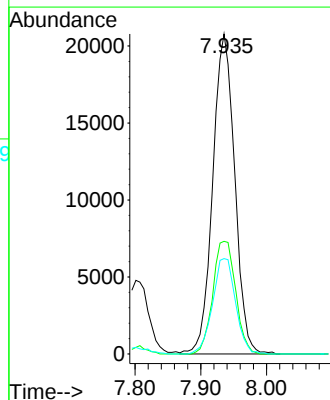
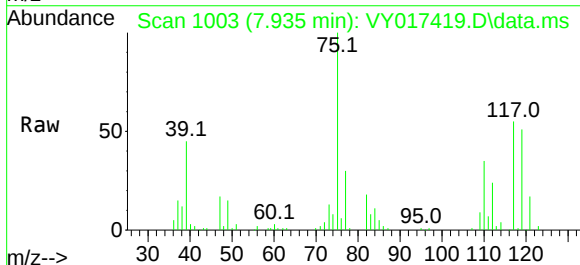
Manual Integrations
APPROVED

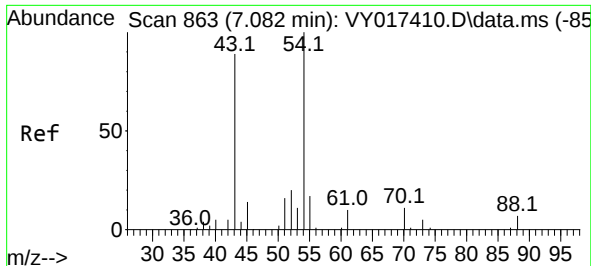
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#36
1,1-Dichloropropene
Concen: 20.059 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

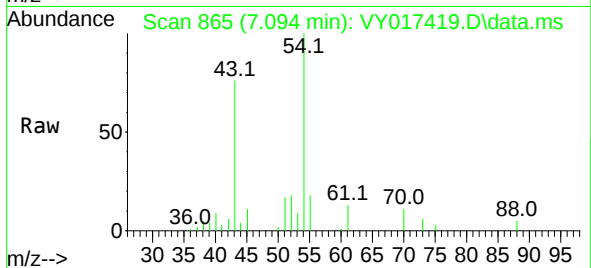
Tgt Ion: 75 Resp: 48326
Ion Ratio Lower Upper
75 100
110 36.5 19.0 57.0
77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 18.773 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

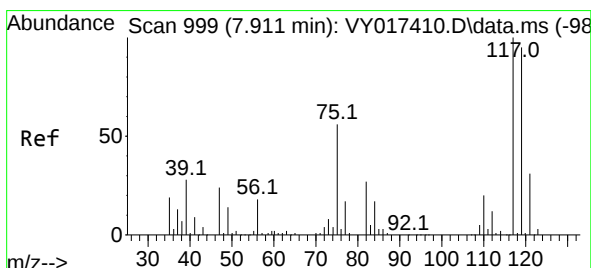
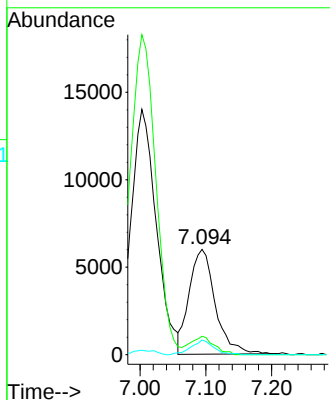
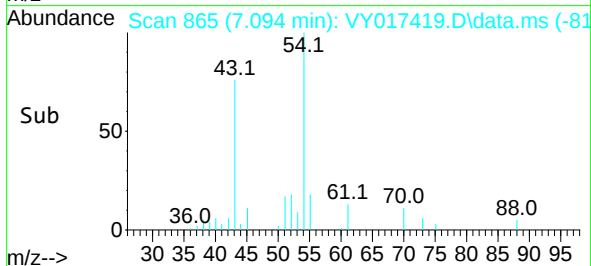
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



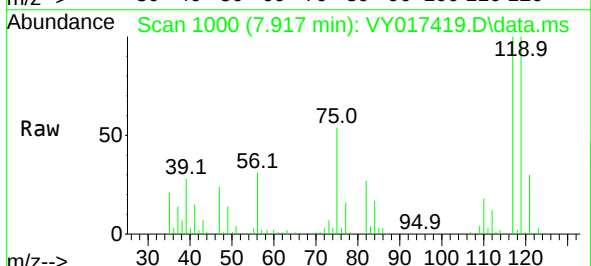
Tgt Ion: 43 Resp: 16469
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 12.0 7.8 11.8

Manual Integrations
APPROVED

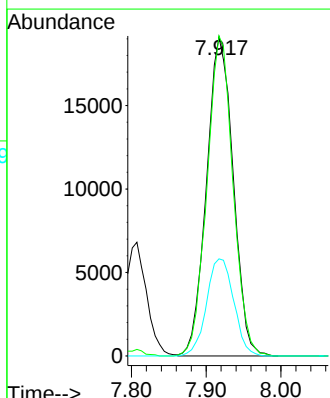
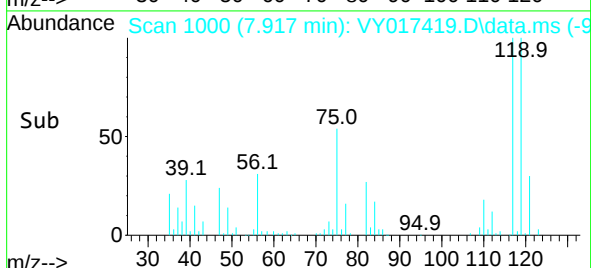
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

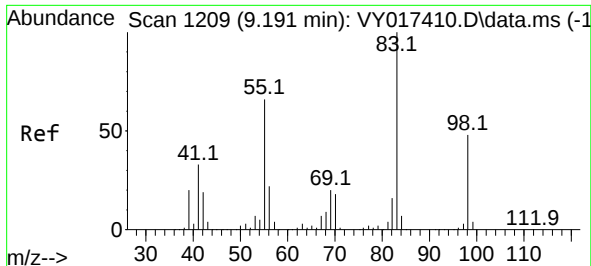


#38
Carbon Tetrachloride
Concen: 19.778 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



Tgt Ion:117 Resp: 47442
Ion Ratio Lower Upper
117 100
119 100.3 75.8 113.6
121 30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 20.029 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

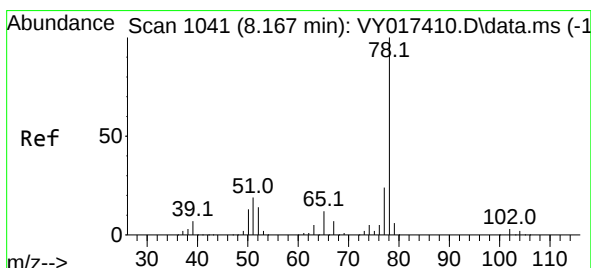
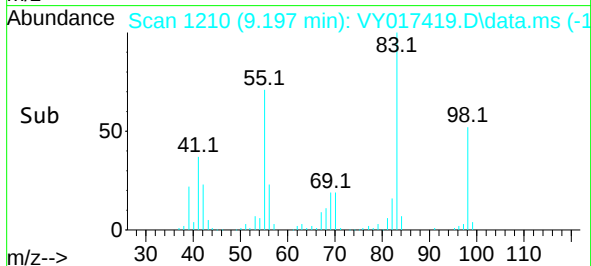
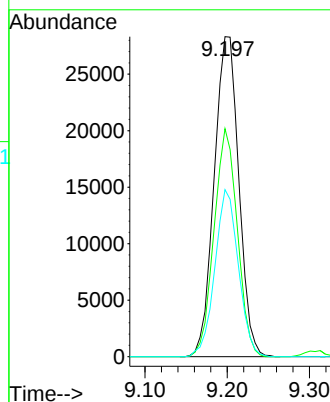
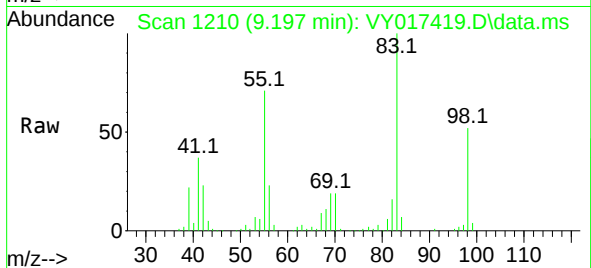
Tgt Ion: 83 Resp: 5906

Ion	Ratio	Lower	Upper
83	100		
55	71.2	51.5	77.3
98	52.2	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#40

Benzene

Concen: 20.304 ug/l

RT: 8.179 min Scan# 1043

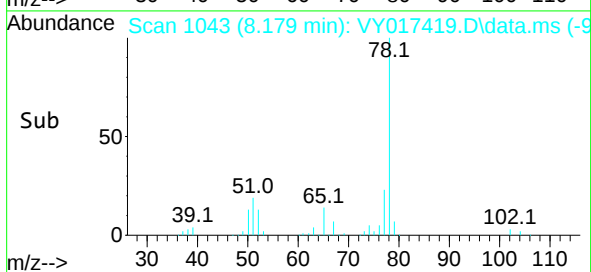
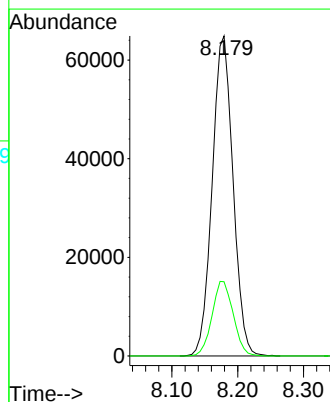
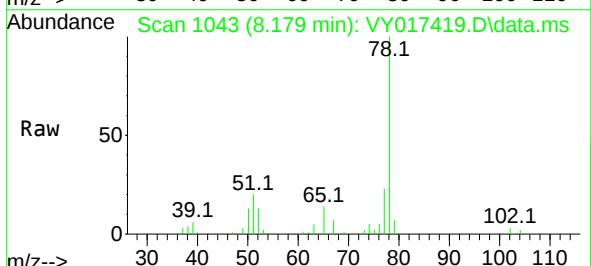
Delta R.T. 0.012 min

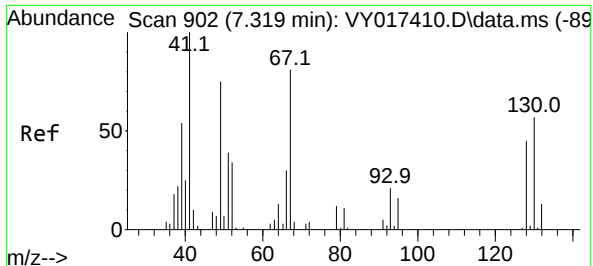
Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion: 78 Resp: 142923

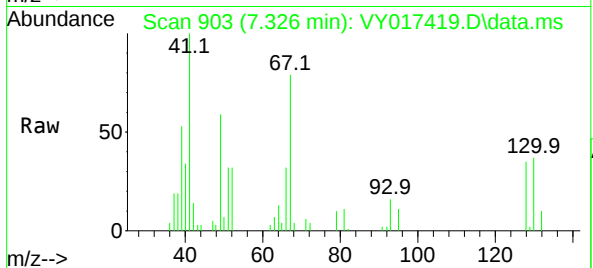
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.5	29.3





#41
Methacrylonitrile
Concen: 15.559 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

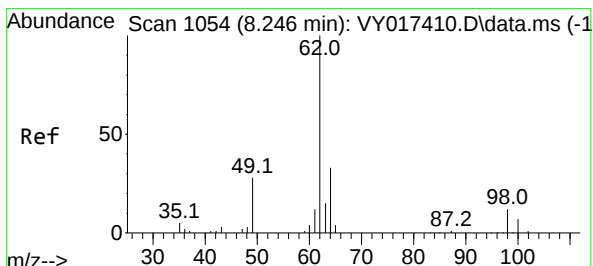
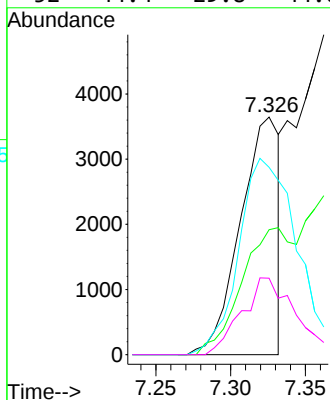
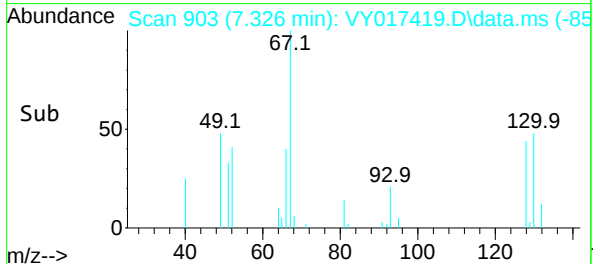
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 41 Resp: 666
Ion Ratio Lower Upper
41 100
39 72.2 48.0 72.0
67 122.7 75.1 112.7
52 44.4 29.8 44.6

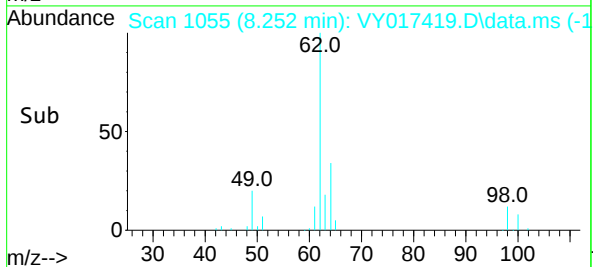
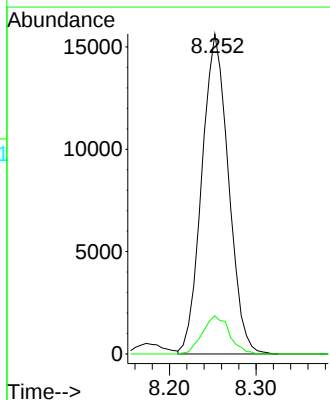
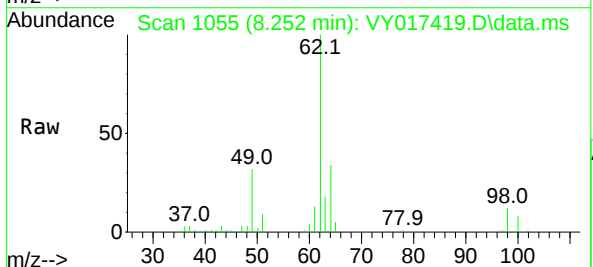
Manual Integrations
APPROVED

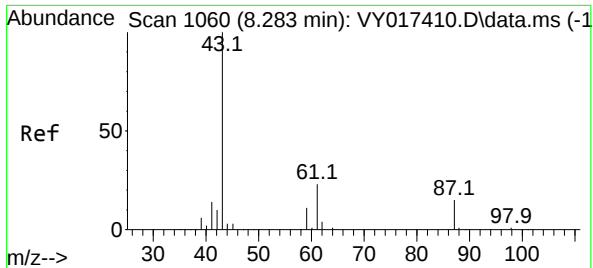
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#42
1,2-Dichloroethane
Concen: 19.576 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

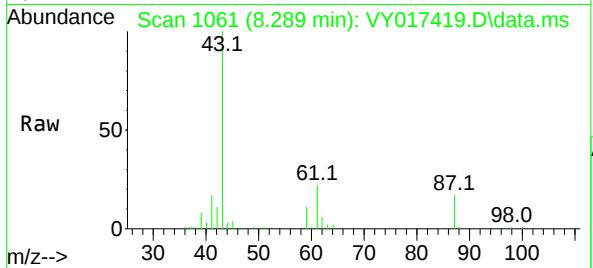
Tgt Ion: 62 Resp: 33449
Ion Ratio Lower Upper
62 100
98 12.1 0.0 22.0





#43
Isopropyl Acetate
Concen: 18.970 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

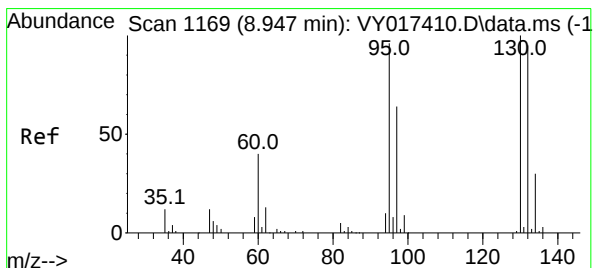
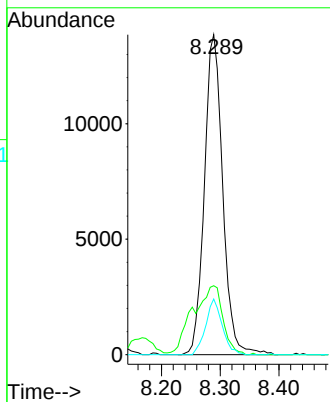
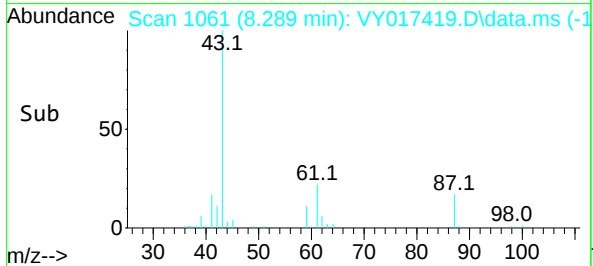
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 43 Resp: 3007
Ion Ratio Lower Upper
43 100
61 35.3 27.9 41.9
87 15.7 13.1 19.7

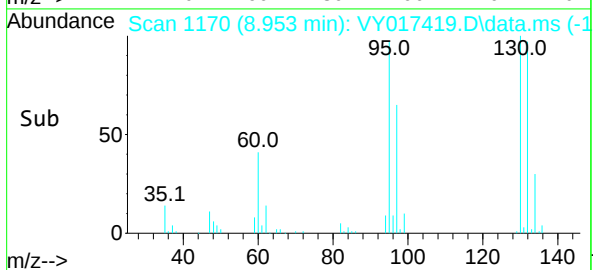
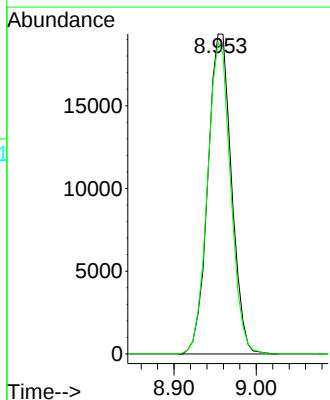
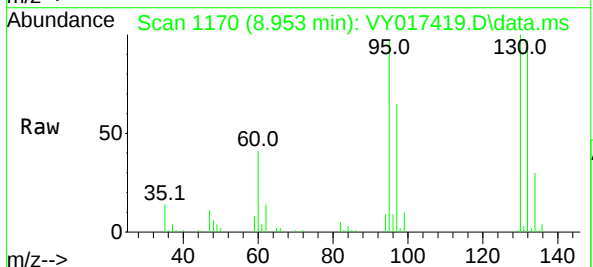
Manual Integrations
APPROVED

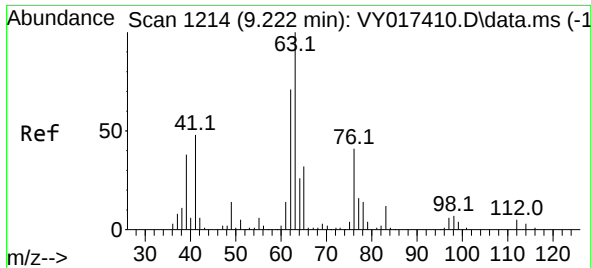
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#44
Trichloroethene
Concen: 20.229 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion:130 Resp: 38596
Ion Ratio Lower Upper
130 100
95 97.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.835 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 63 Resp: 32274

Ion Ratio Lower Upper

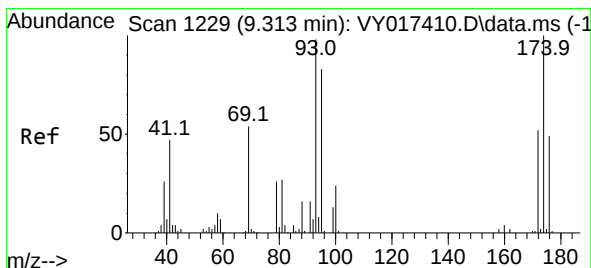
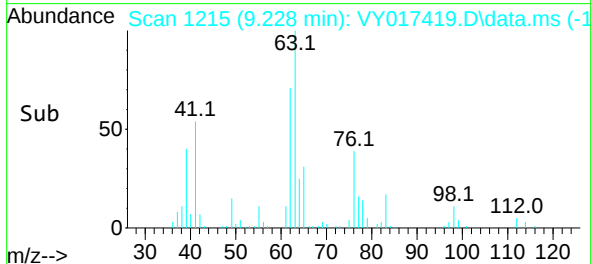
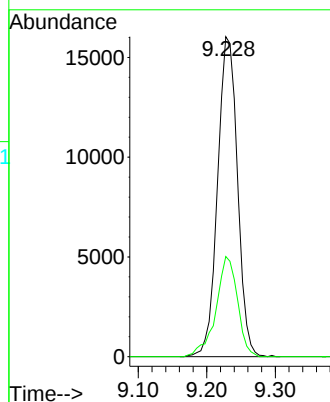
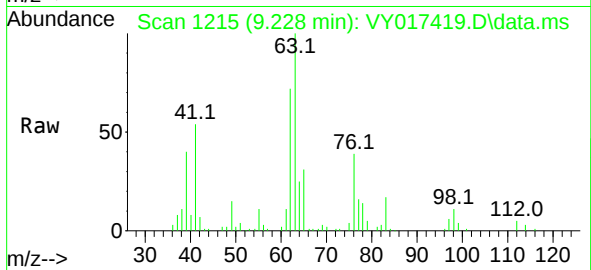
63 100

65 31.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#46

Dibromomethane

Concen: 19.292 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

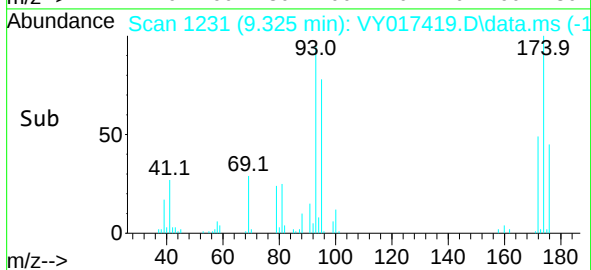
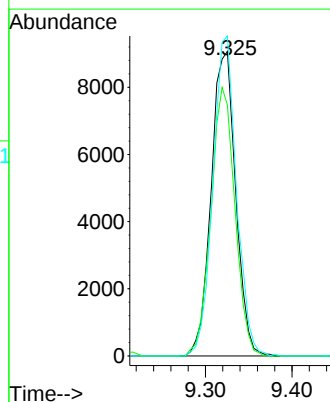
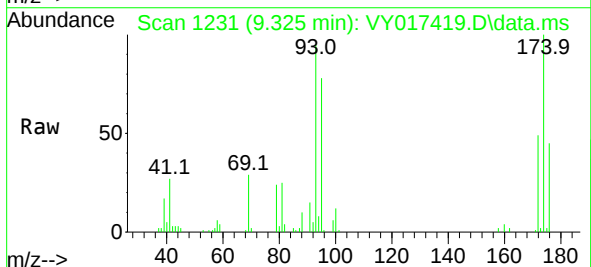
Tgt Ion: 93 Resp: 17842

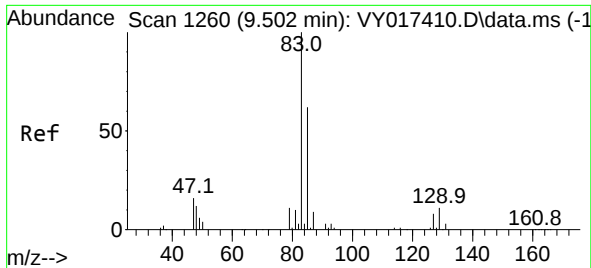
Ion Ratio Lower Upper

93 100

95 86.2 66.2 99.4

174 101.0 80.9 121.3





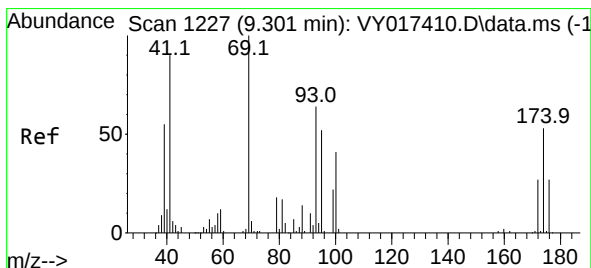
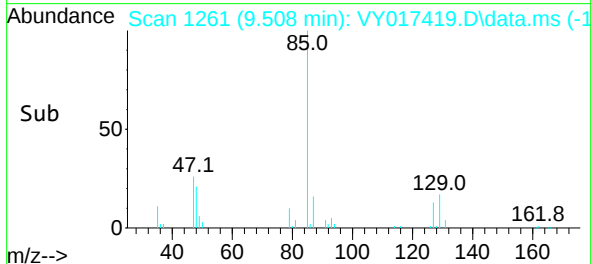
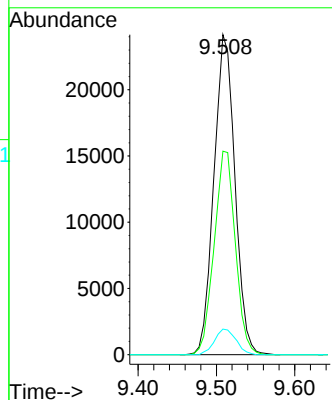
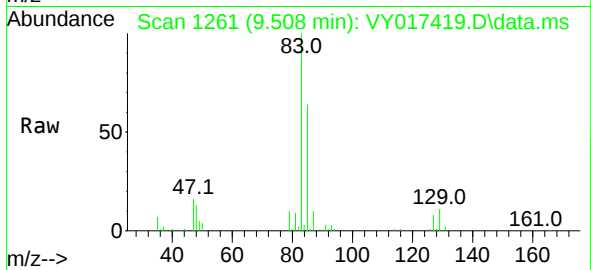
#47
Bromodichloromethane
Concen: 19.823 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 83 Resp: 45070
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.0 7.4 11.0

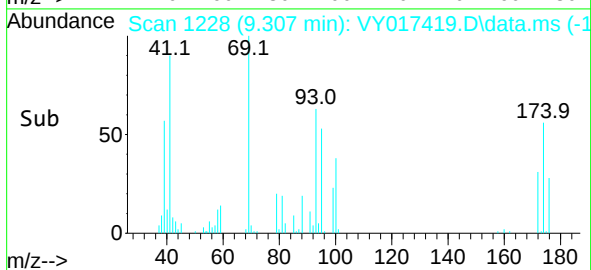
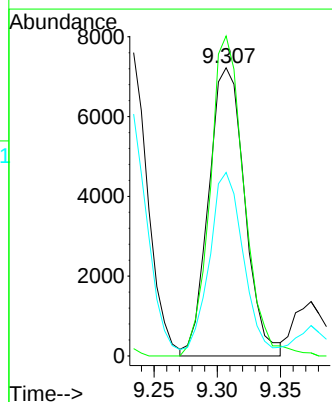
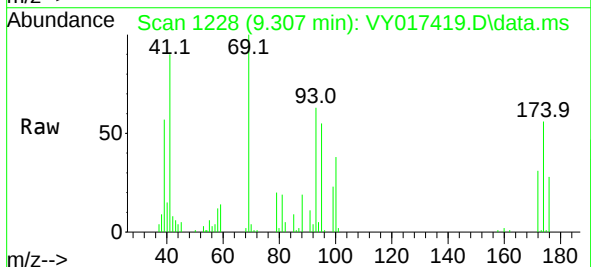
Manual Integrations
APPROVED

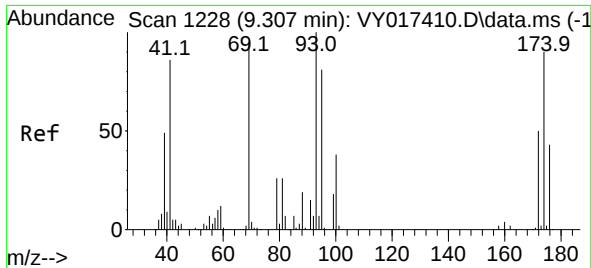
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#48
Methyl methacrylate
Concen: 19.264 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 41 Resp: 14329
Ion Ratio Lower Upper
41 100
69 104.6 84.1 126.1
39 56.5 43.6 65.4





#49

1,4-Dioxane

Concen: 352.631 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 88 Resp: 341

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0

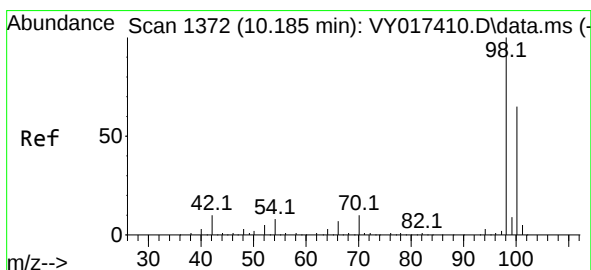
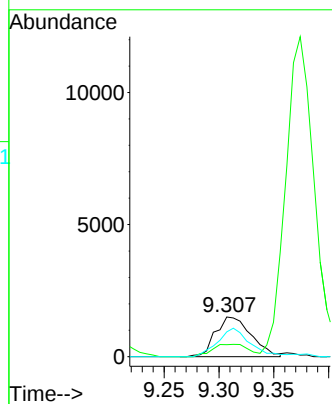
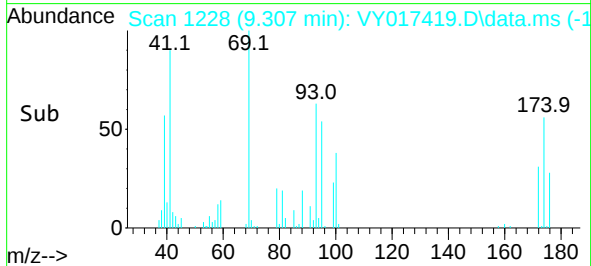
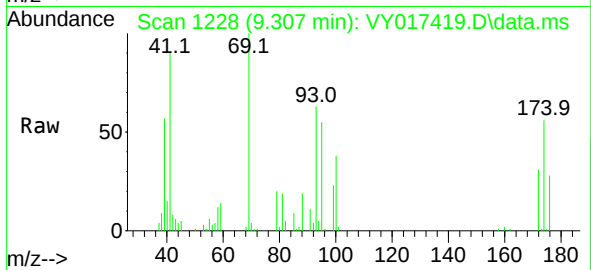
58 64.6 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#50

Toluene-d8

Concen: 46.856 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017419.D

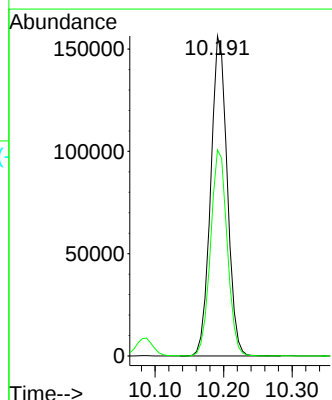
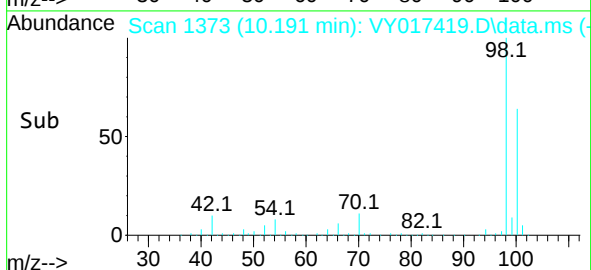
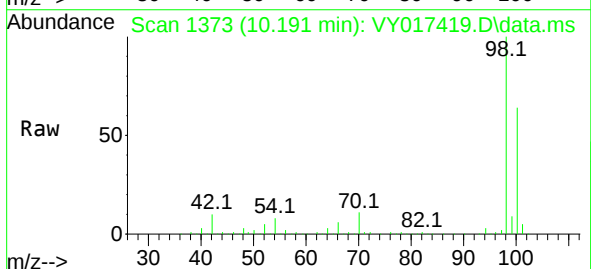
Acq: 20 Feb 2024 13:42

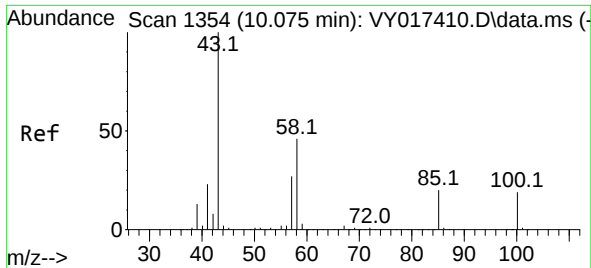
Tgt Ion: 98 Resp: 262142

Ion Ratio Lower Upper

98 100

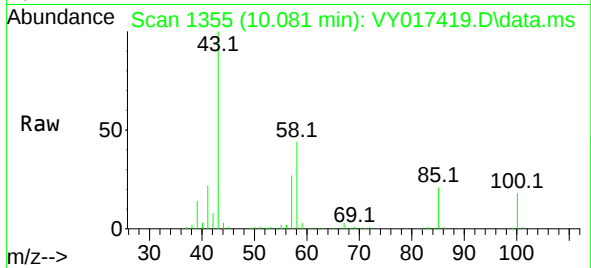
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 94.153 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

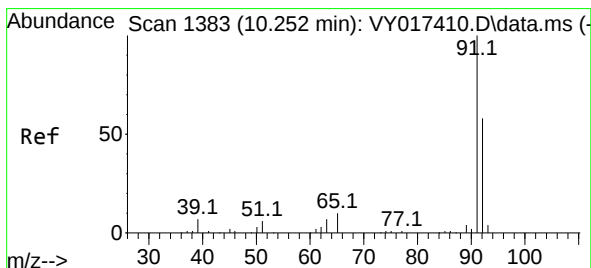
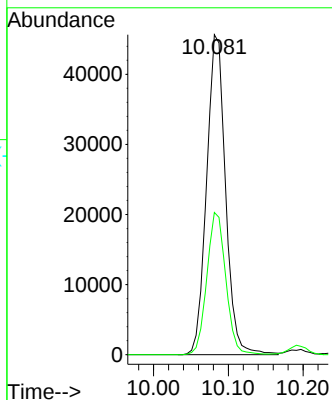
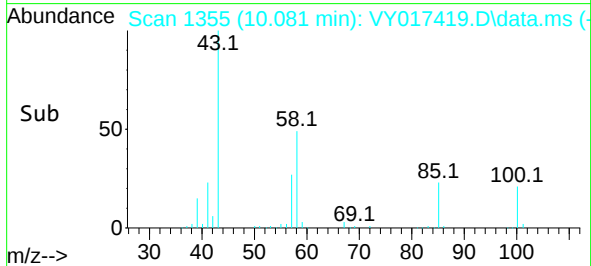
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion: 43 Resp: 8042
Ion Ratio Lower Upper
43 100
58 44.5 35.7 53.5

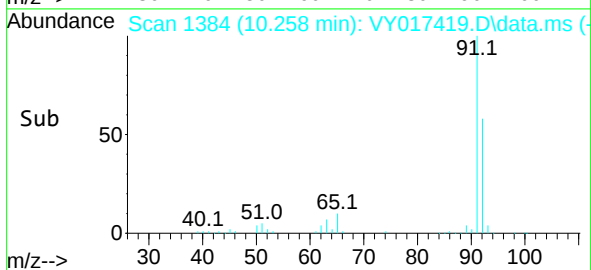
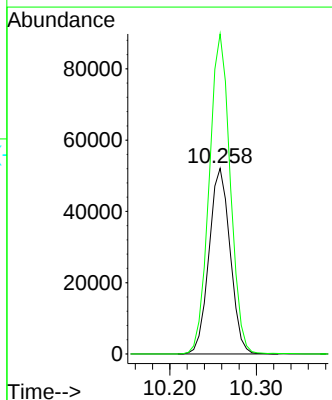
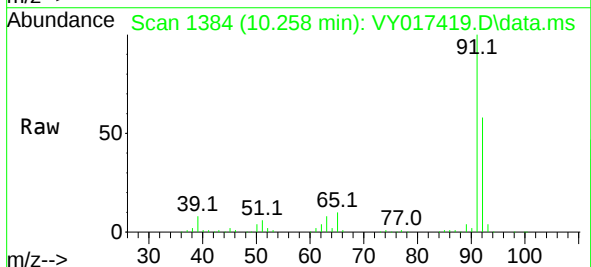
Manual Integrations
APPROVED

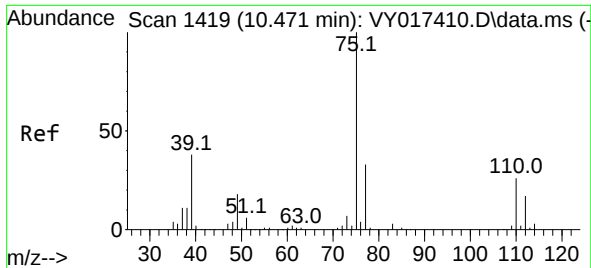
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#52
Toluene
Concen: 20.012 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

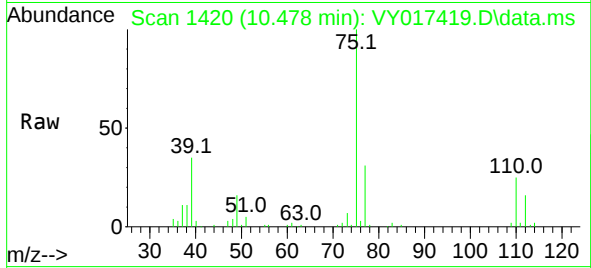
Tgt Ion: 92 Resp: 87940
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 19.511 ug/l
RT: 10.478 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

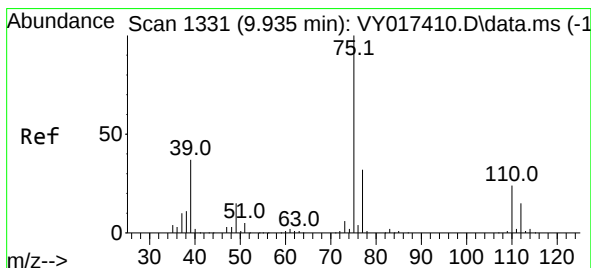
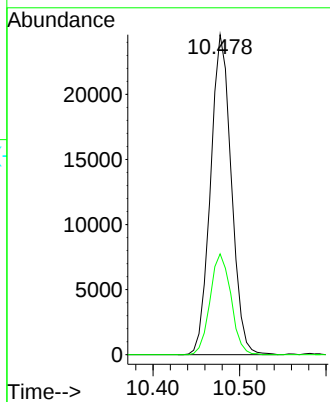
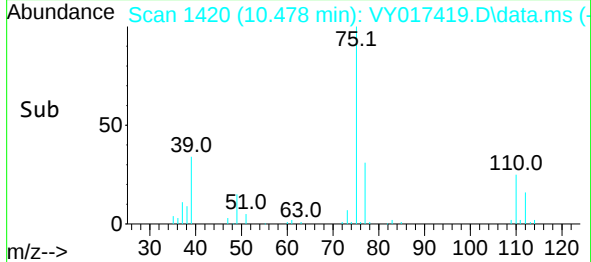
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion: 75 Resp: 4108
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1

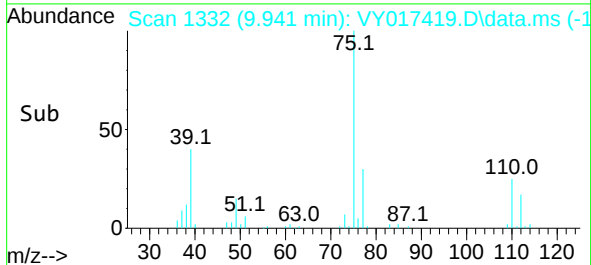
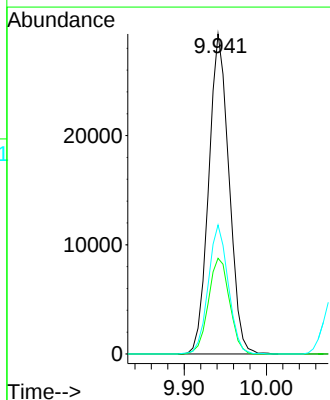
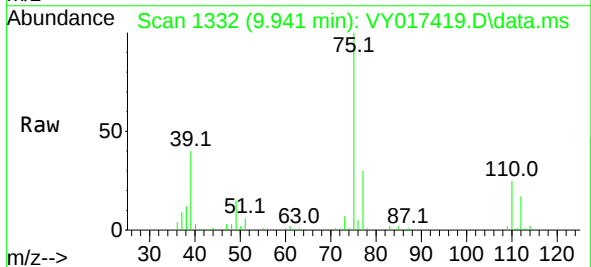
Manual Integrations
APPROVED

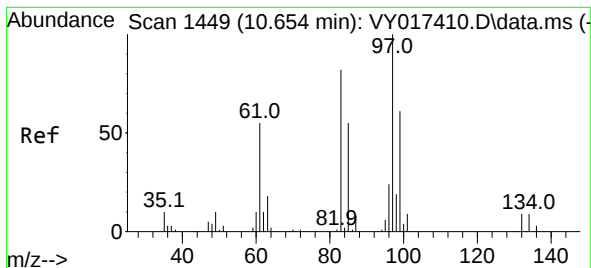
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#54
cis-1,3-Dichloropropene
Concen: 19.476 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 75 Resp: 50312
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0
39 40.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.176 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017419.D

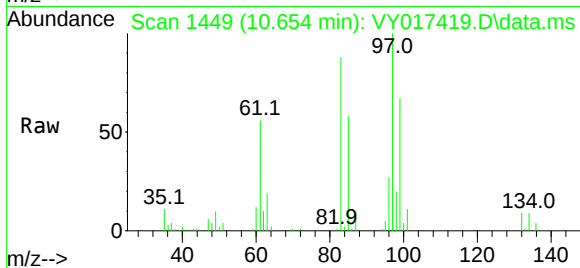
Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01



Tgt Ion: 97 Resp: 2440

Ion Ratio Lower Upper

97 100

83 88.2 67.5 101.3

85 58.0 42.9 64.3

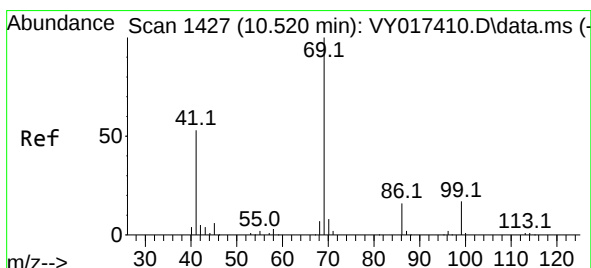
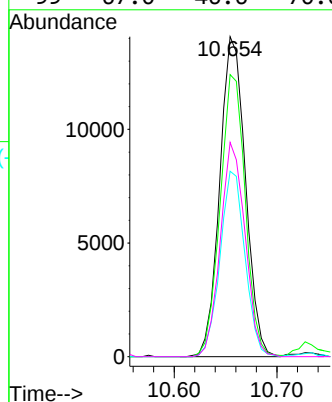
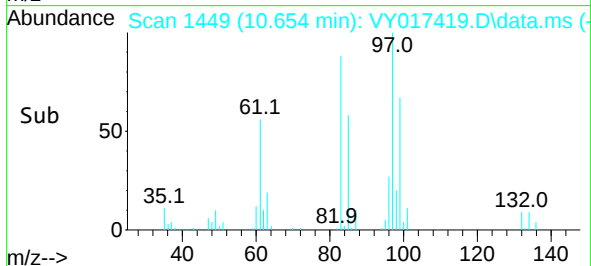
99 67.0 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#56

Ethyl methacrylate

Concen: 19.170 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

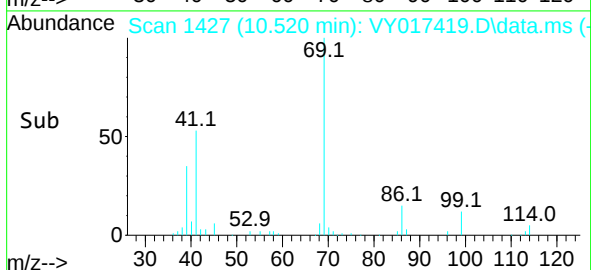
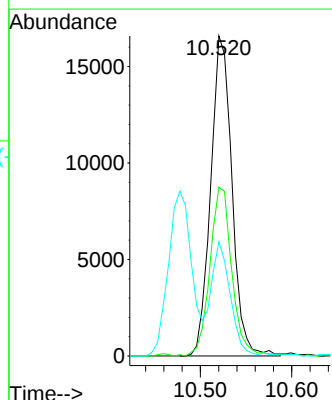
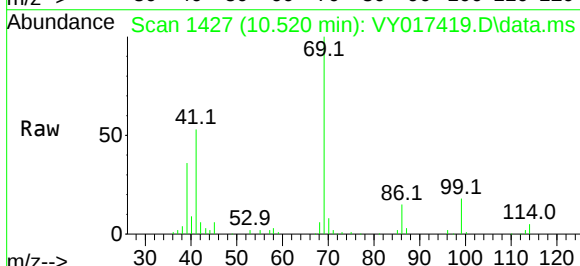
Tgt Ion: 69 Resp: 26816

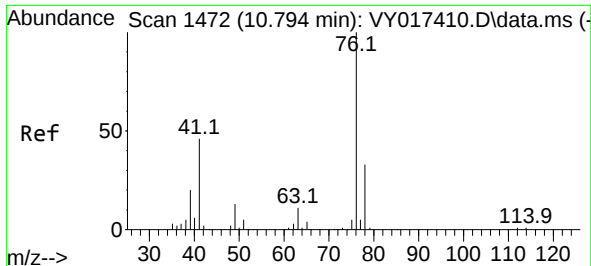
Ion Ratio Lower Upper

69 100

41 54.8 42.3 63.5

39 31.4 22.9 34.3





#57

1,3-Dichloropropane

Concen: 19.568 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 76 Resp: 41200

Ion Ratio Lower Upper

76 100

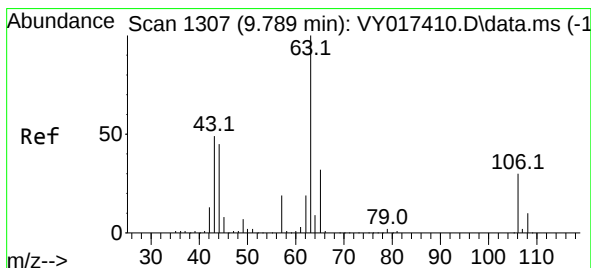
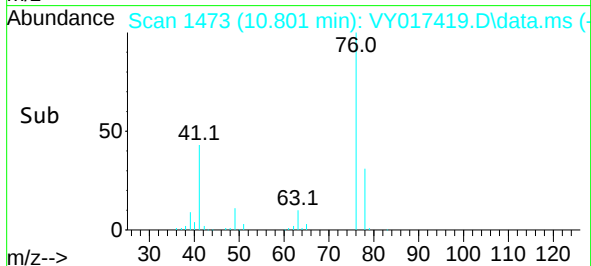
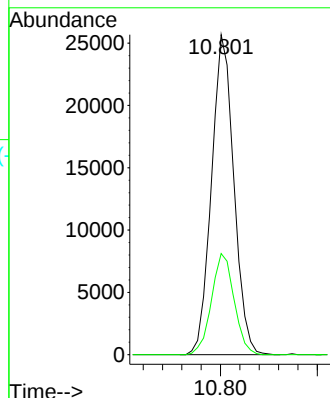
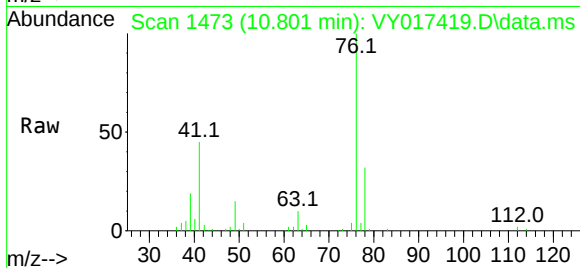
78 32.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.257 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017419.D

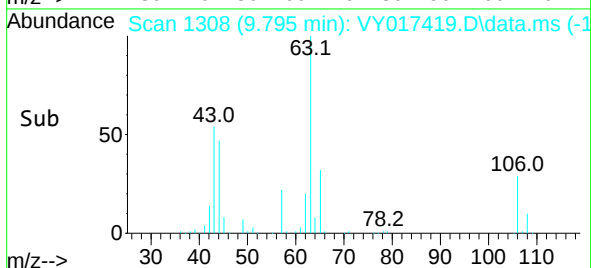
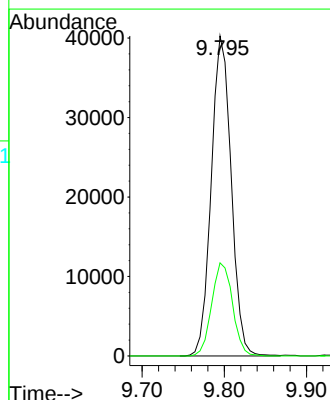
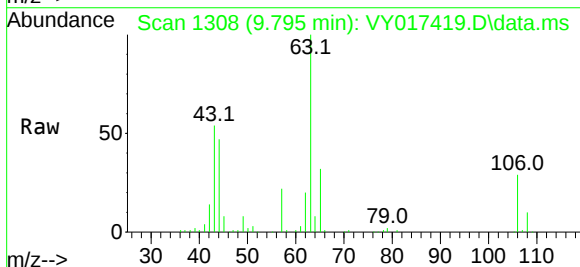
Acq: 20 Feb 2024 13:42

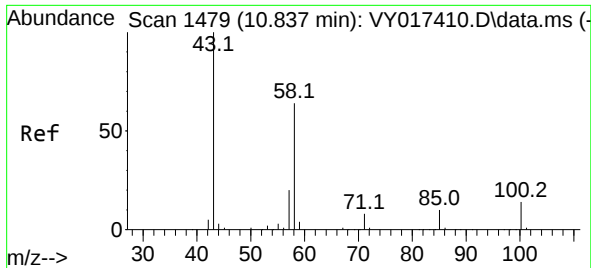
Tgt Ion: 63 Resp: 67864

Ion Ratio Lower Upper

63 100

106 30.4 23.7 35.5





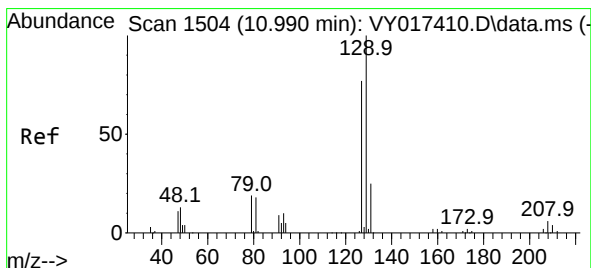
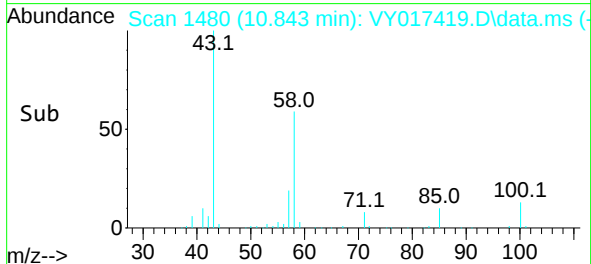
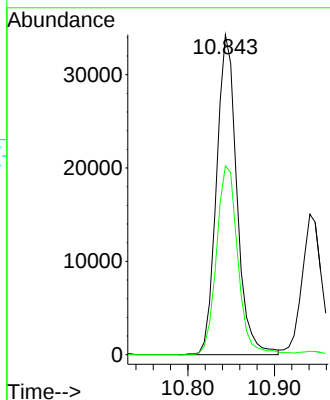
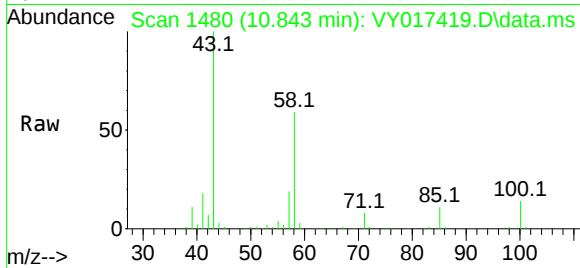
#59
2-Hexanone
Concen: 95.147 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 43 Resp: 5598
Ion Ratio Lower Upper
43 100
58 61.9 31.4 94.0

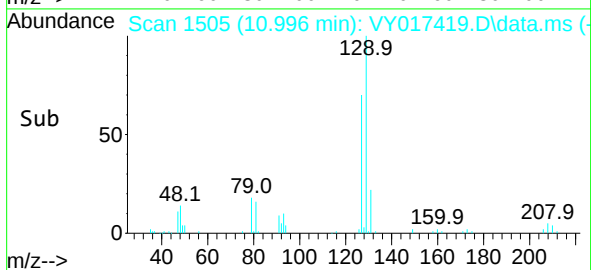
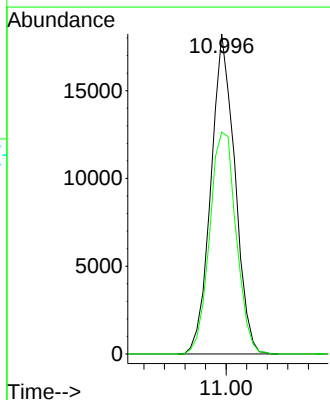
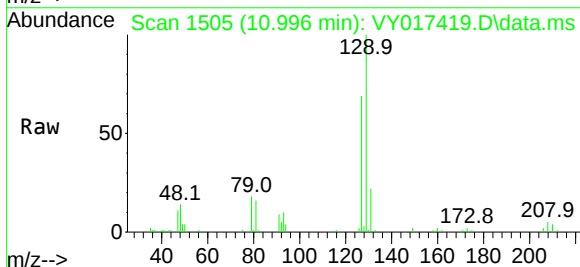
Manual Integrations
APPROVED

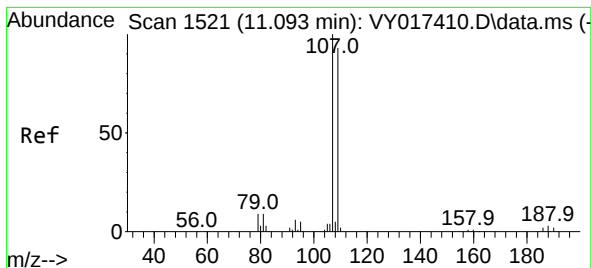
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#60
Dibromochloromethane
Concen: 19.468 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

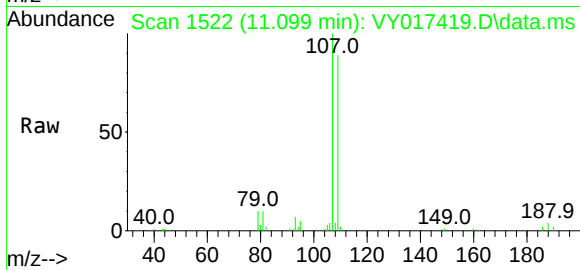
Tgt Ion:129 Resp: 29449
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 19.162 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

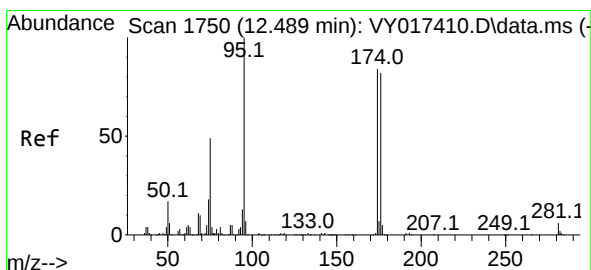
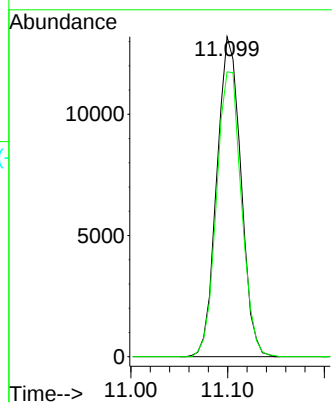
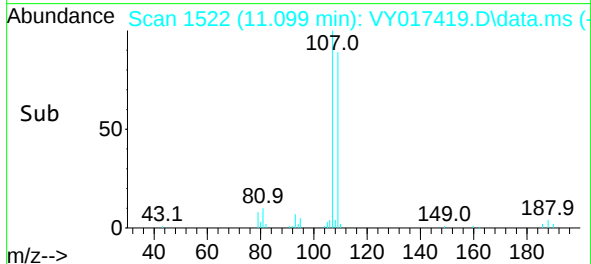
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



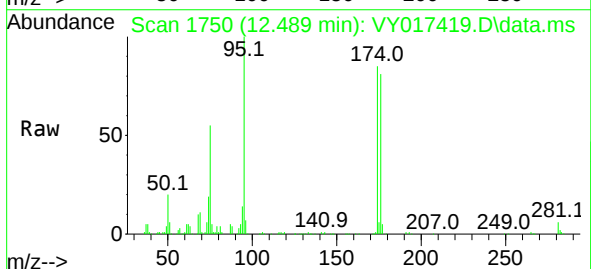
Tgt Ion:107 Resp: 2281
Ion Ratio Lower Upper
107 100
109 92.1 75.9 113.9

Manual Integrations
APPROVED

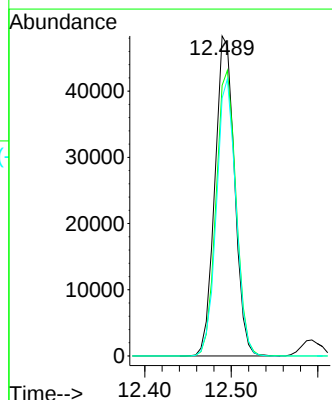
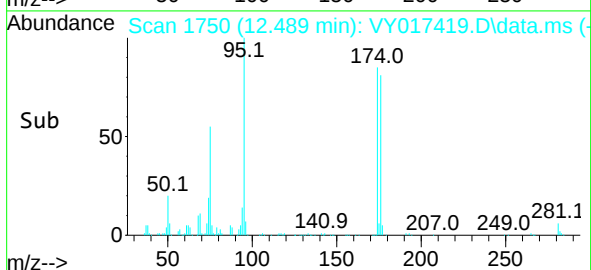
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

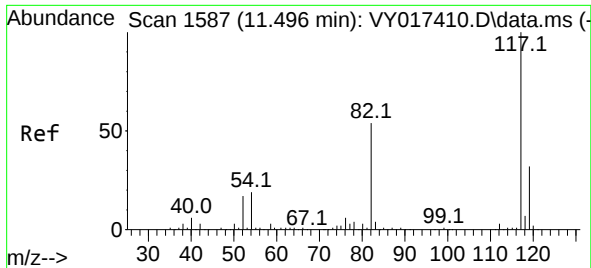


#62
4-Bromofluorobenzene
Concen: 41.107 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



Tgt Ion: 95 Resp: 76108
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.6
176 85.6 0.0 171.4





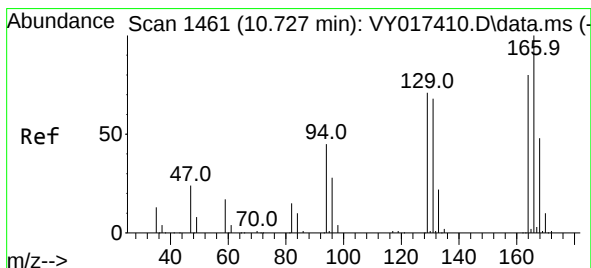
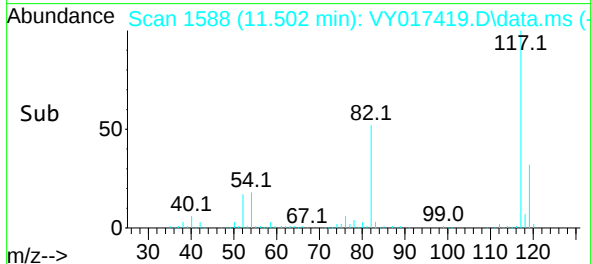
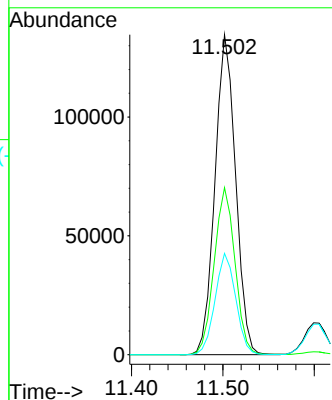
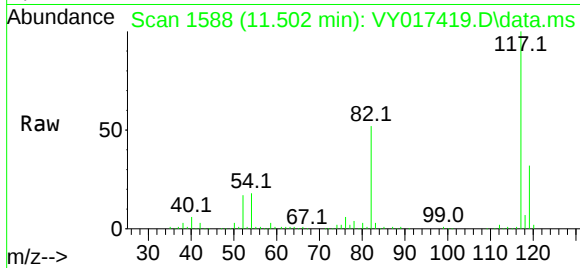
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion:117 Resp: 21156
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 31.6 25.9 38.9

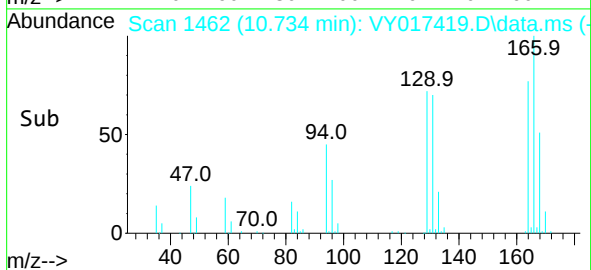
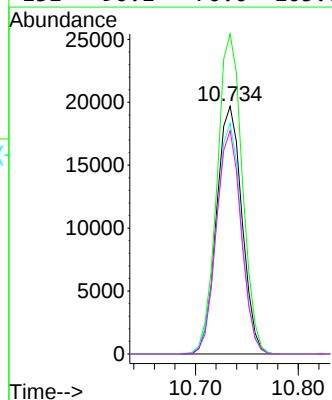
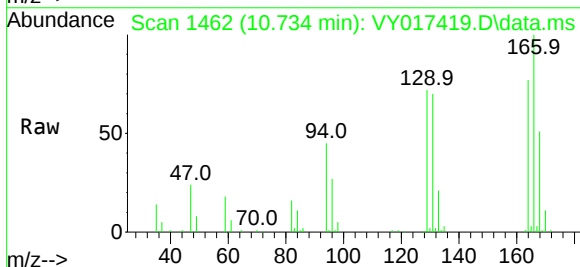
Manual Integrations
APPROVED

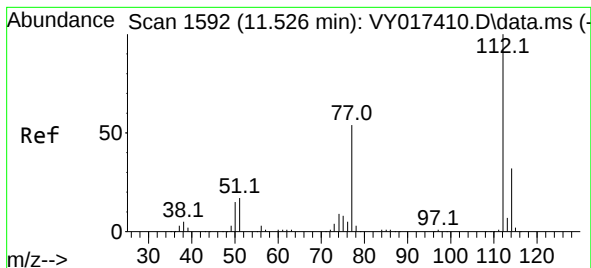
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#64
Tetrachloroethene
Concen: 19.918 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

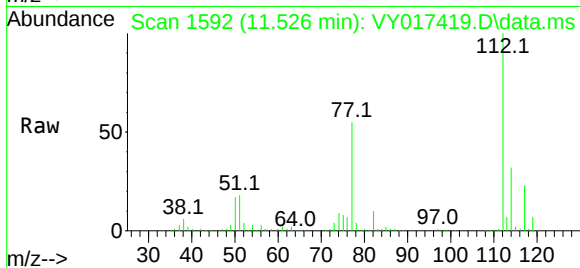
Tgt Ion:164 Resp: 33725
Ion Ratio Lower Upper
164 100
166 129.2 102.6 154.0
129 93.1 72.0 108.0
131 90.1 70.0 105.0





#65
Chlorobenzene
Concen: 19.906 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

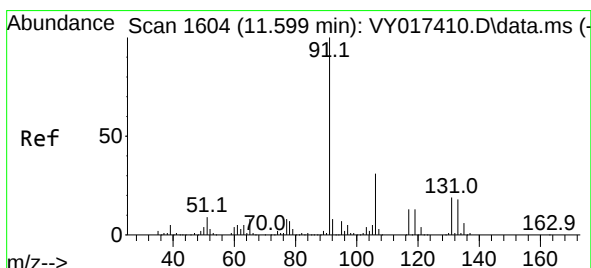
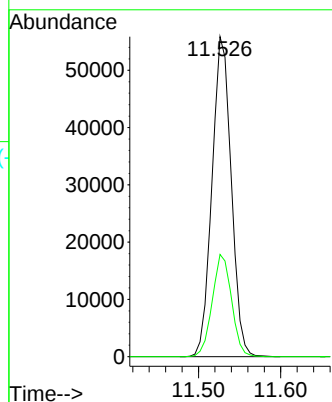
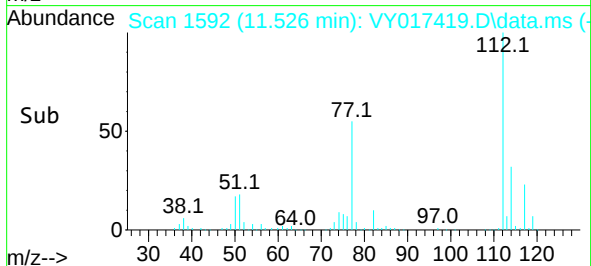
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion:112 Resp: 90728
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

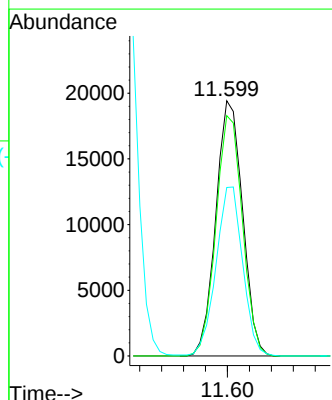
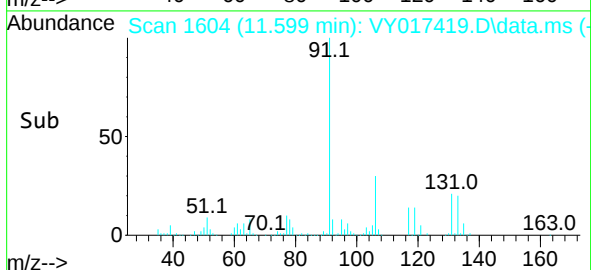
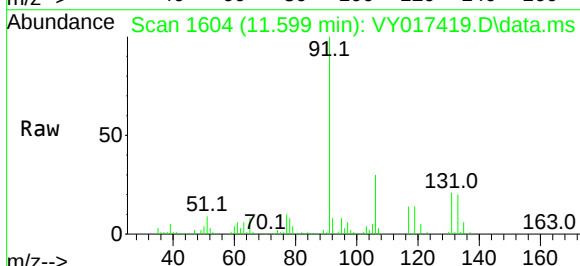
Manual Integrations
APPROVED

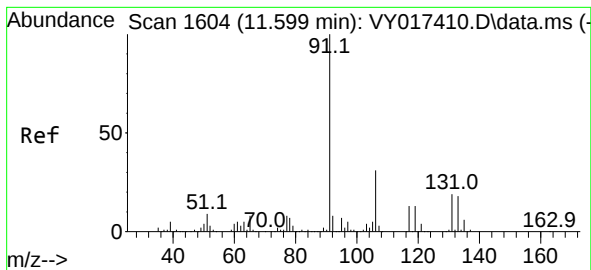
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.403 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion:131 Resp: 32932
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.3
119 66.1 34.1 102.2





#67

Ethyl Benzene

Concen: 19.626 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion: 91 Resp: 15998

Ion Ratio Lower Upper

91 100

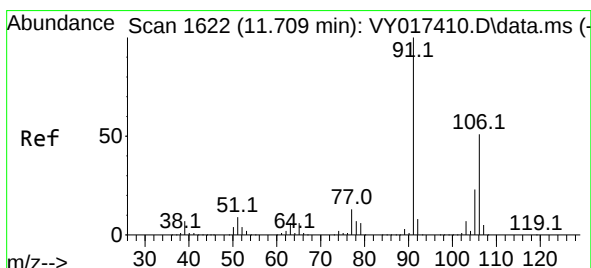
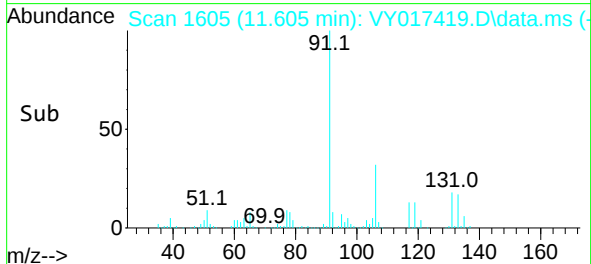
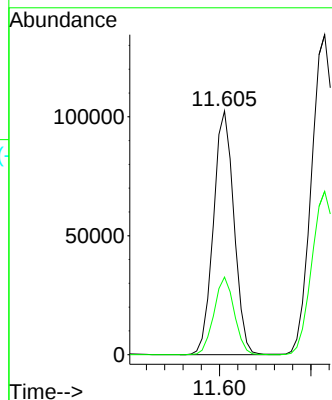
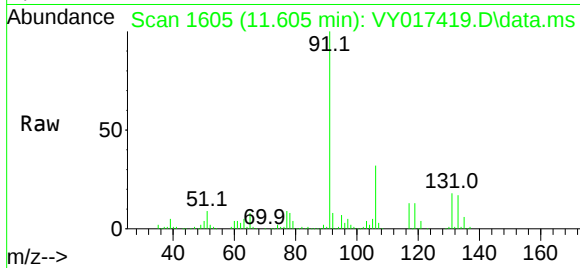
106 31.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#68

m/p-Xylenes

Concen: 39.231 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017419.D

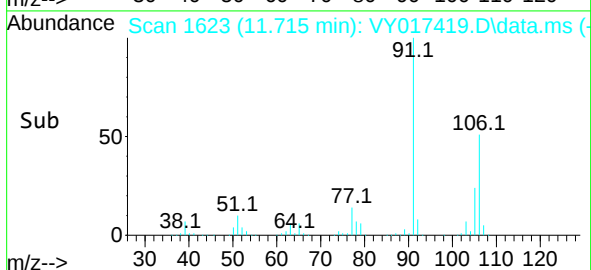
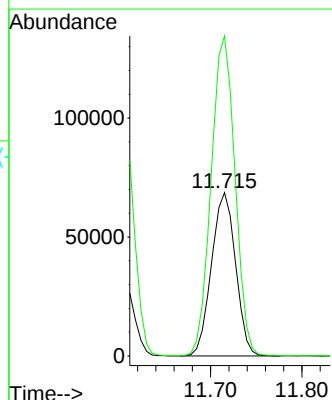
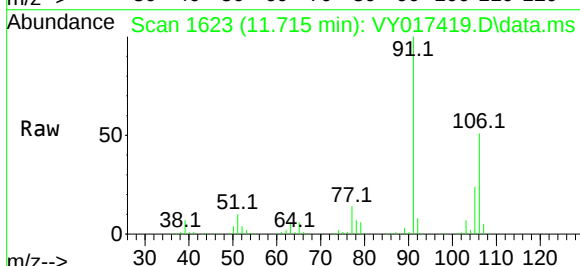
Acq: 20 Feb 2024 13:42

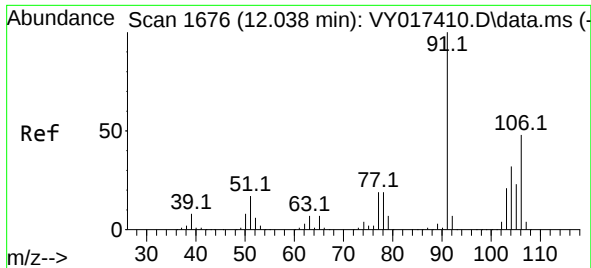
Tgt Ion:106 Resp: 125715

Ion Ratio Lower Upper

106 100

91 195.0 156.0 234.0





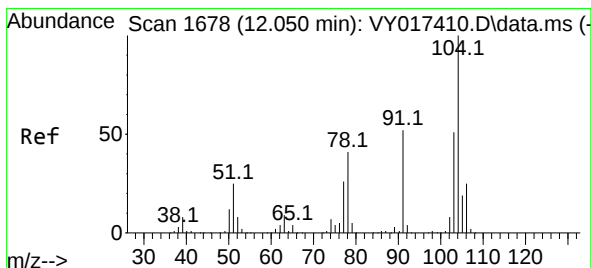
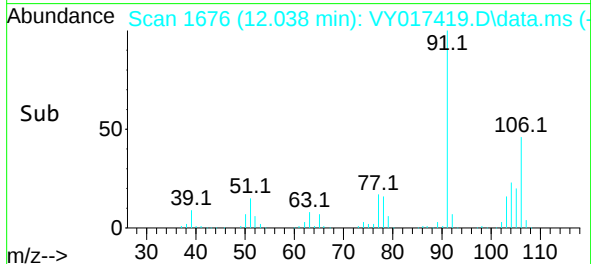
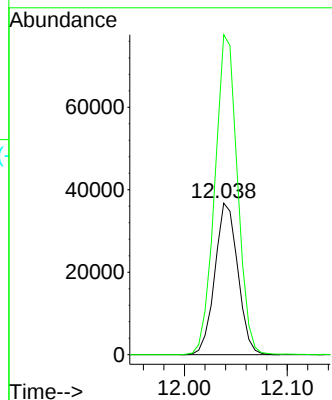
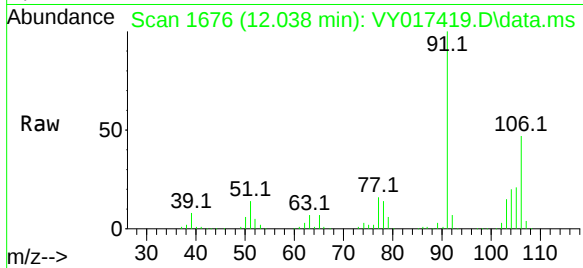
#69
o-Xylene
Concen: 19.358 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion:106 Resp: 56908
Ion Ratio Lower Upper
106 100
91 209.2 103.6 310.8

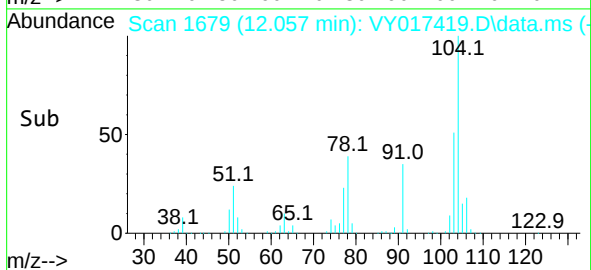
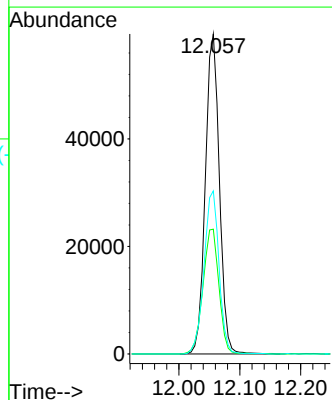
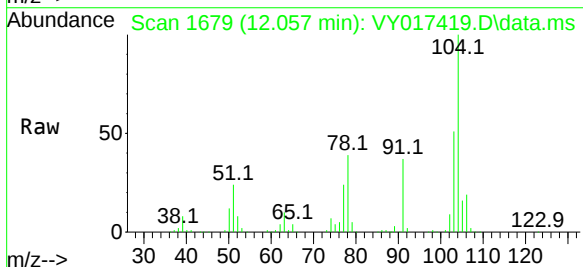
Manual Integrations
APPROVED

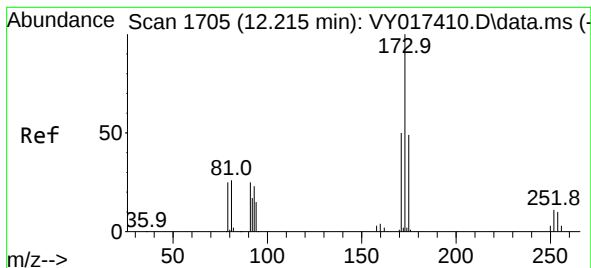
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#70
Styrene
Concen: 19.768 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion:104 Resp: 95448
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 18.958 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

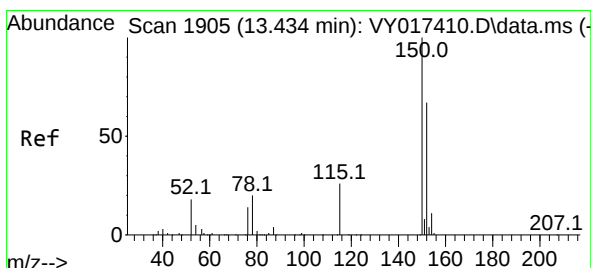
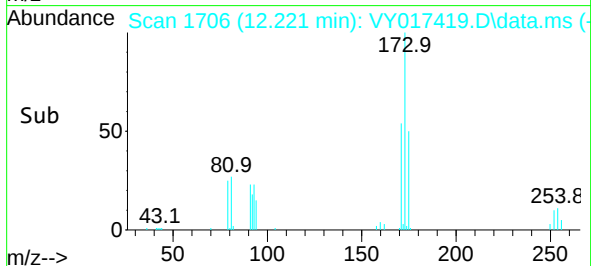
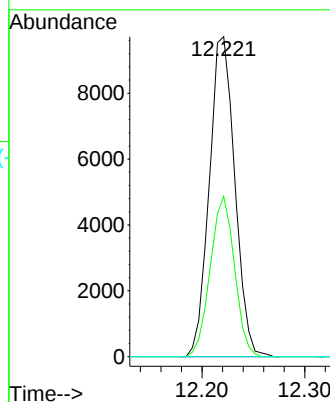
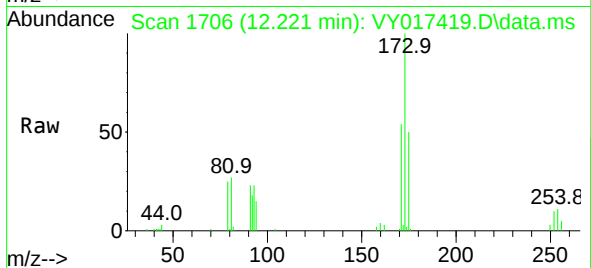
VY0220SBS01

Tgt Ion:	173	Resp:	1674
Ion Ratio	Lower	Upper	
173	100		
175	47.5	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

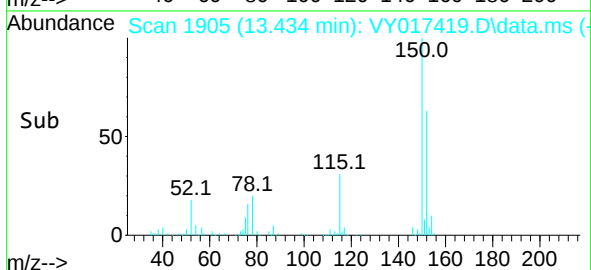
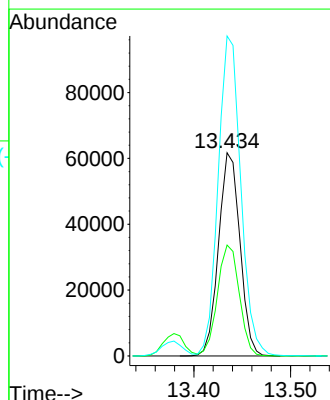
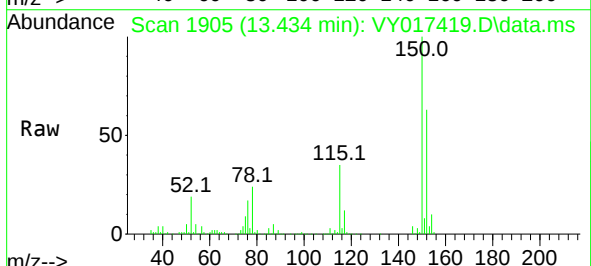
RT: 13.434 min Scan# 1905

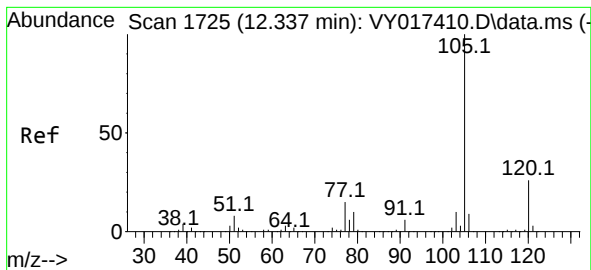
Delta R.T. 0.000 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion:	152	Resp:	94760
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.2	84.7
150	166.9	0.0	345.6





#73

Isopropylbenzene

Concen: 20.821 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tgt Ion:105 Resp: 15240

Ion Ratio Lower Upper

105 100

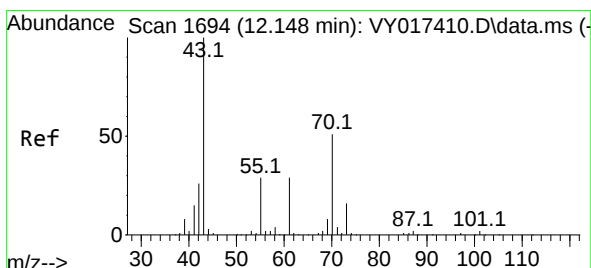
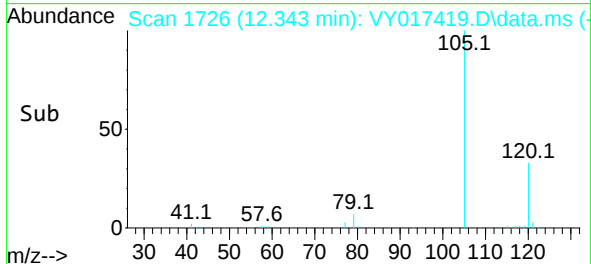
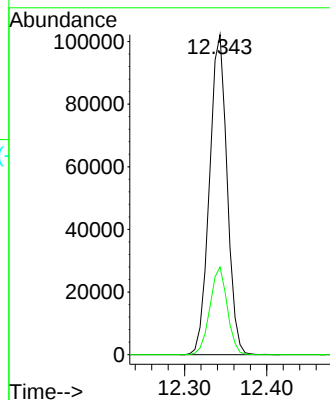
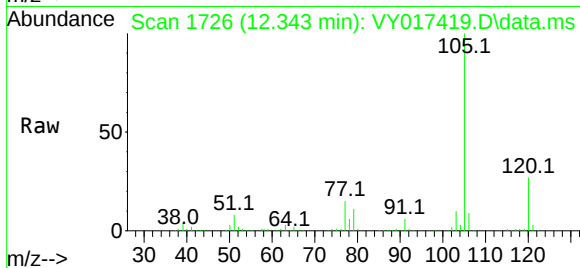
120 26.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024

Supervised By :Semsettin Yesilyurt 02/21/2024



#74

N-ethyl acetate

Concen: 19.156 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion: 43 Resp: 24414

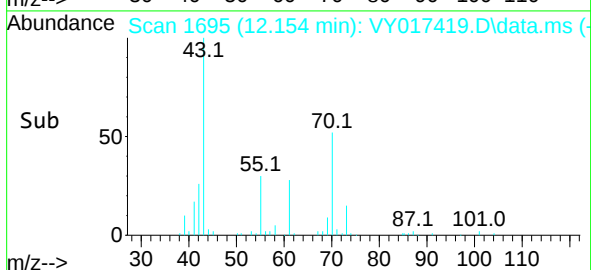
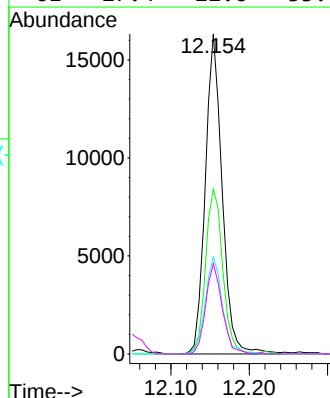
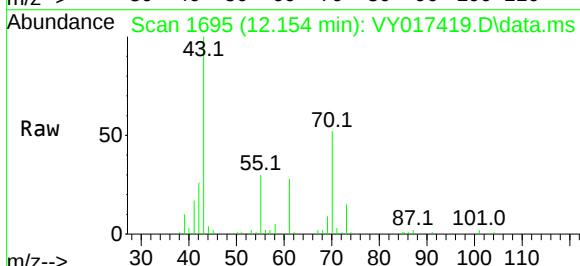
Ion Ratio Lower Upper

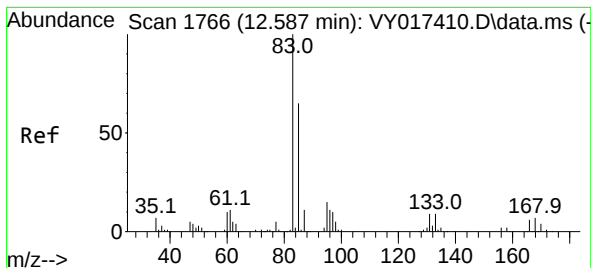
43 100

70 52.3 41.4 62.2

55 31.0 23.3 34.9

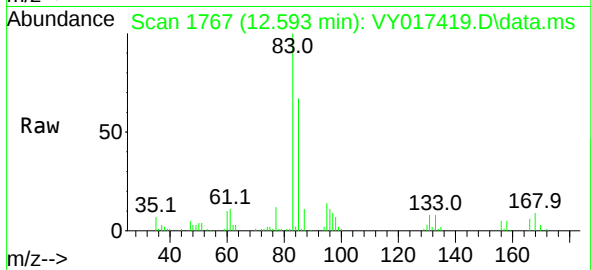
61 27.4 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.252 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

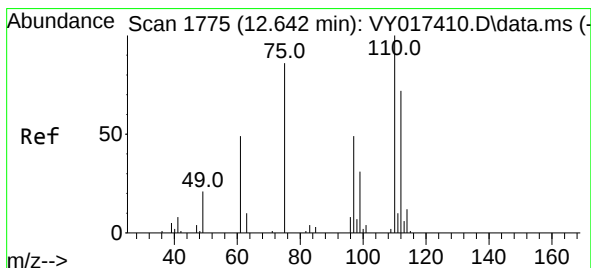
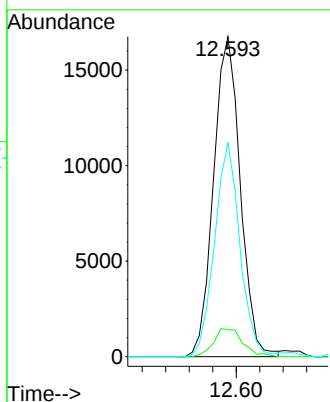
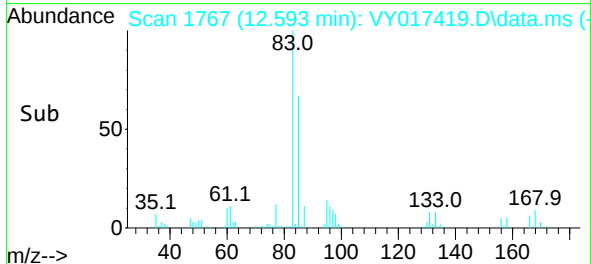
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01



Tgt Ion: 83 Resp: 26494
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.3 32.0 96.0

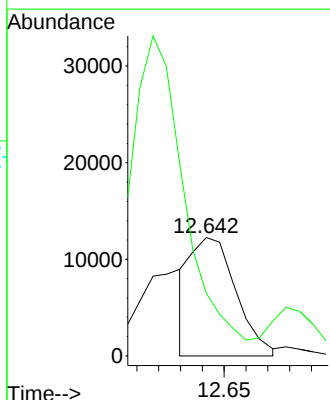
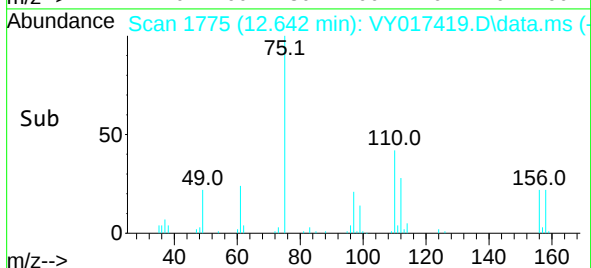
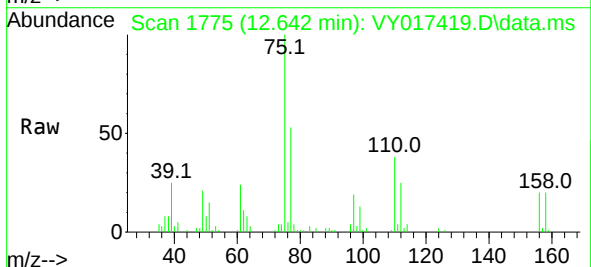
Manual Integrations
APPROVED

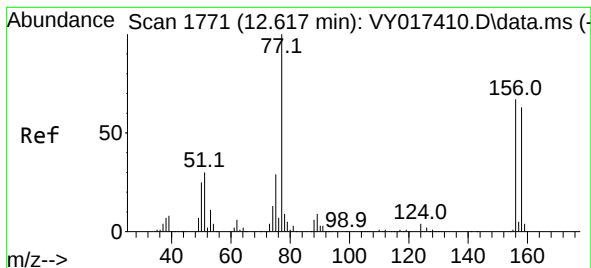
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#76
1,2,3-Trichloropropane
Concen: 19.384 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 75 Resp: 17810
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.738 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

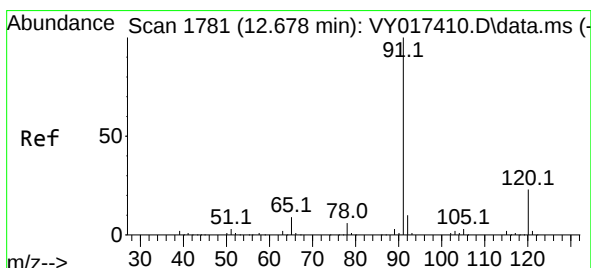
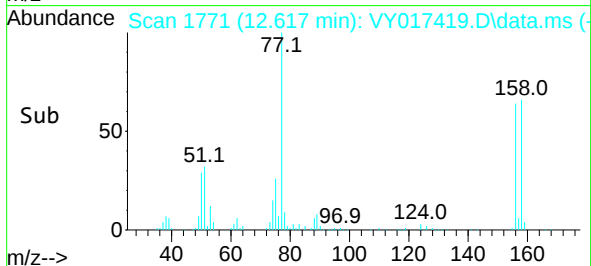
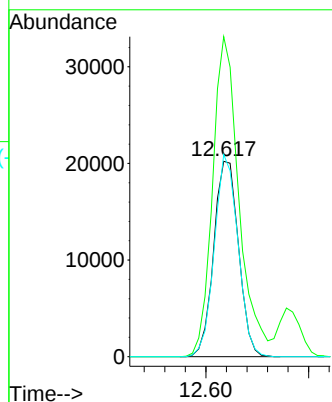
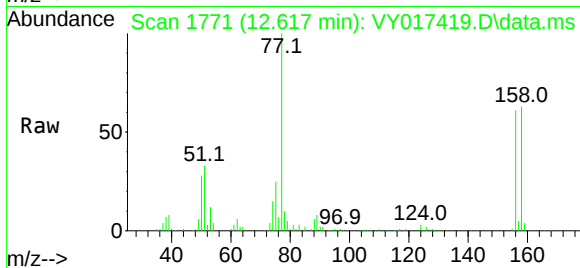
VY0220SBS01

Tgt Ion:	156	Resp:	3388
Ion Ratio	Lower	Upper	
156	100		
77	173.4	87.1	261.3
158	98.3	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#78

n-propylbenzene

Concen: 21.002 ug/l

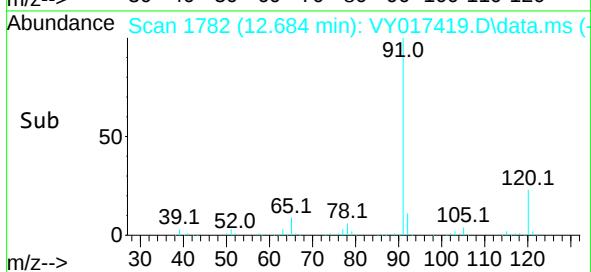
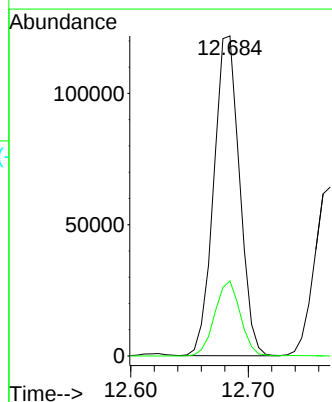
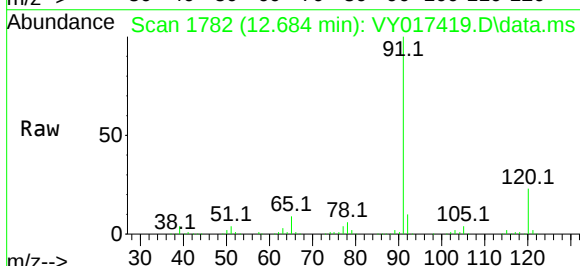
RT: 12.684 min Scan# 1782

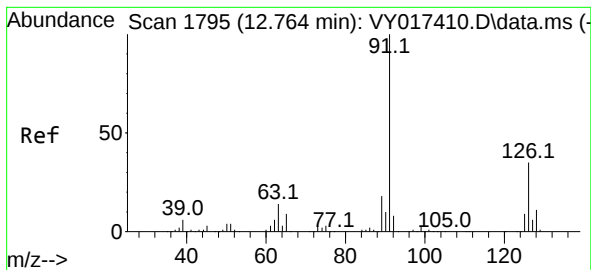
Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion:	91	Resp:	185945
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





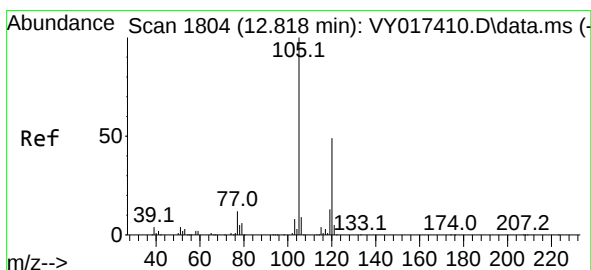
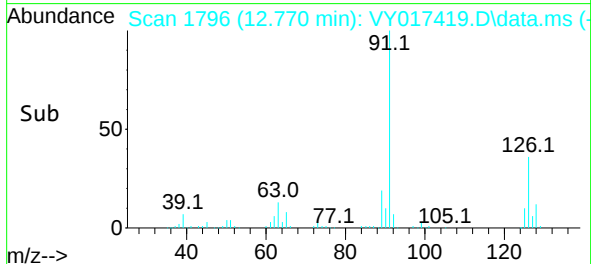
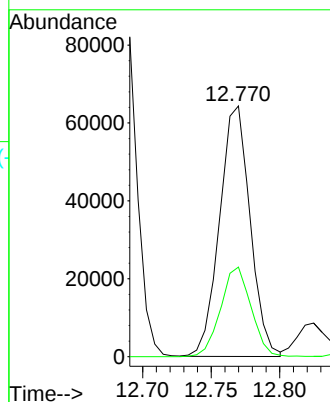
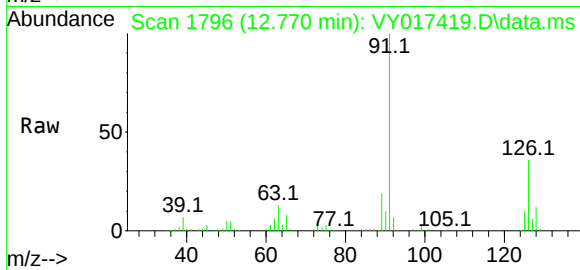
#79
2-Chlorotoluene
Concen: 20.489 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tgt Ion: 91 Resp: 9988
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.5

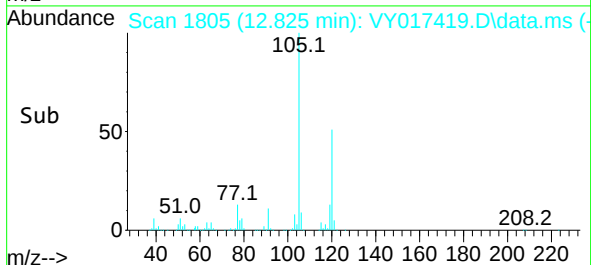
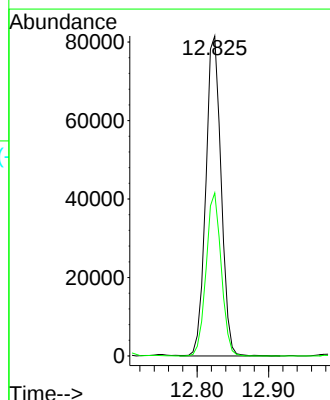
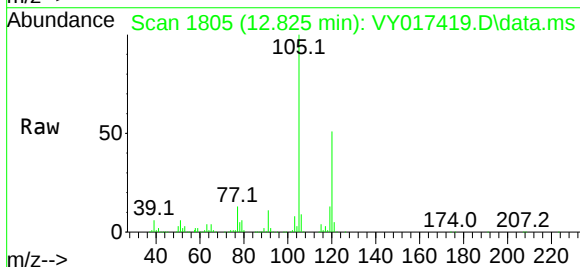
Manual Integrations
APPROVED

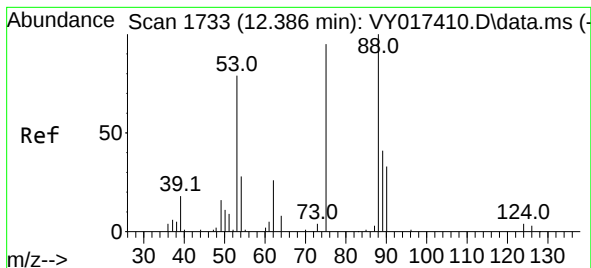
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.683 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

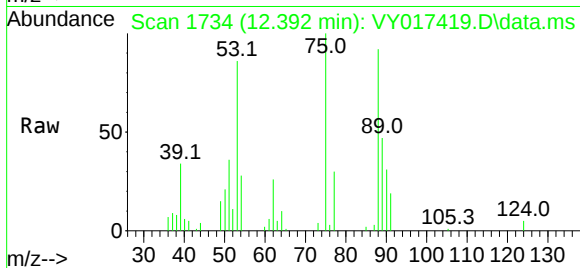
Tgt Ion:105 Resp: 121094
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.608 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

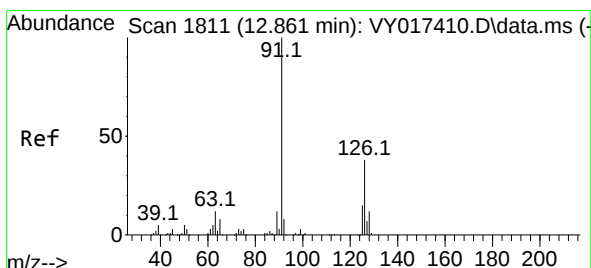
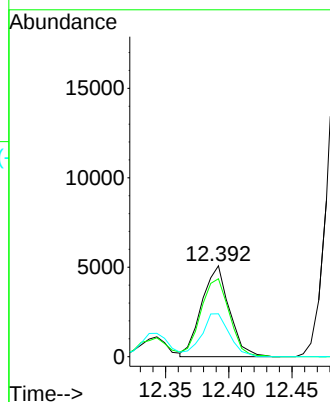
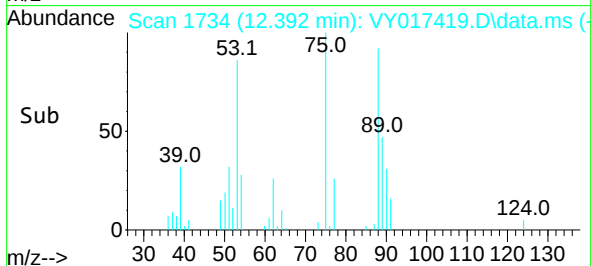
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



Tgt Ion: 75 Resp: 772
Ion Ratio Lower Upper
75 100
53 88.4 66.8 100.2
89 47.4 35.8 53.6

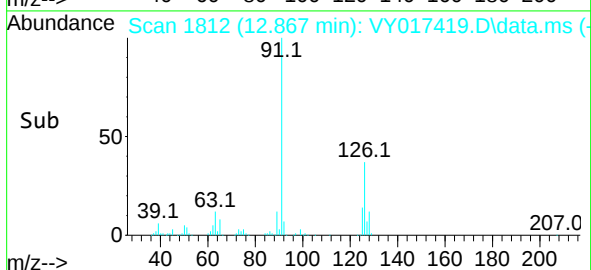
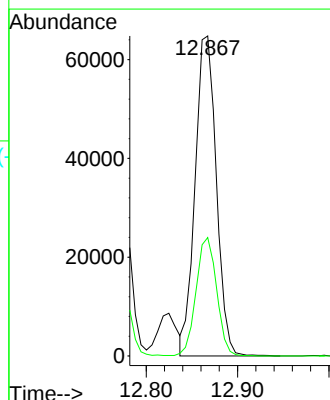
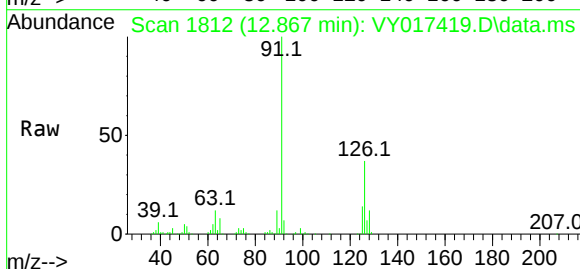
Manual Integrations
APPROVED

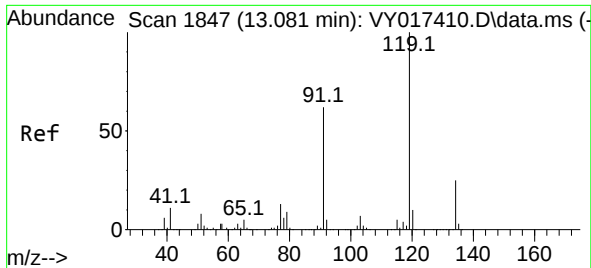
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#82
4-Chlorotoluene
Concen: 20.747 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion: 91 Resp: 104372
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





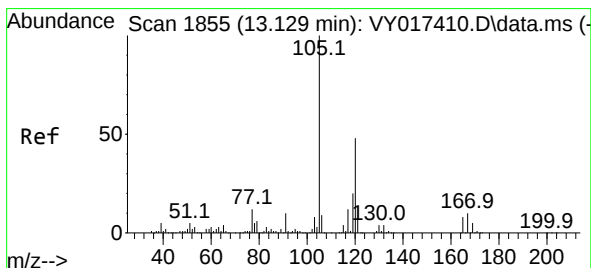
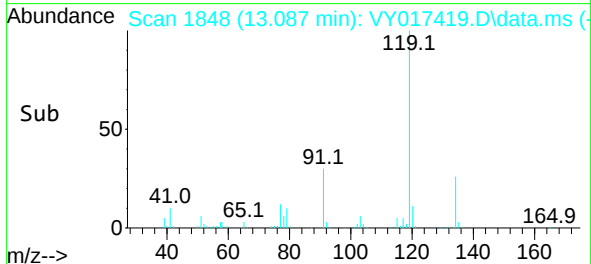
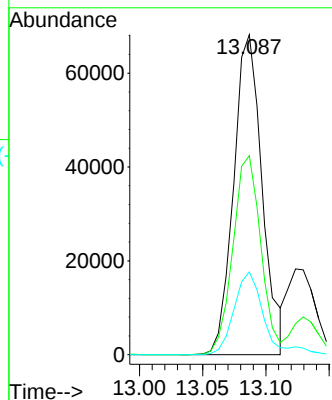
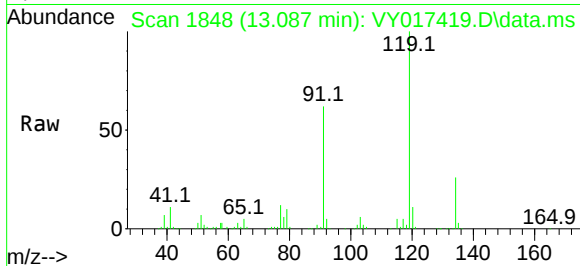
#83
tert-Butylbenzene
Concen: 20.981 ug/l
RT: 13.087 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion:119 Resp: 107261
Ion Ratio Lower Upper
119 100
91 60.9 31.3 93.8
134 27.0 13.4 40.1

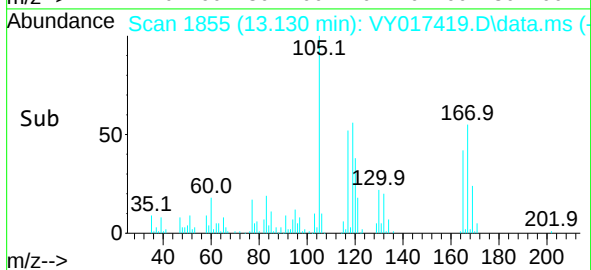
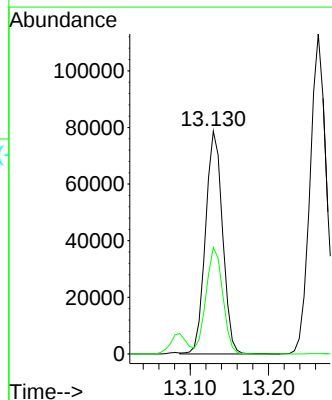
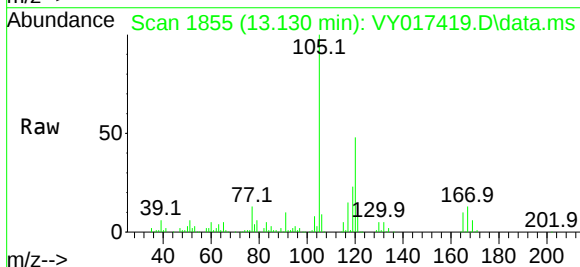
Manual Integrations
APPROVED

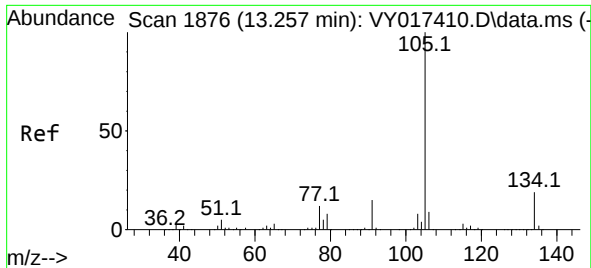
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.496 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

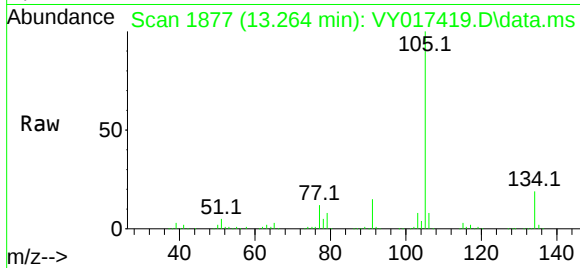
Tgt Ion:105 Resp: 118877
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 21.000 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY017419.D
 Acq: 20 Feb 2024 13:42

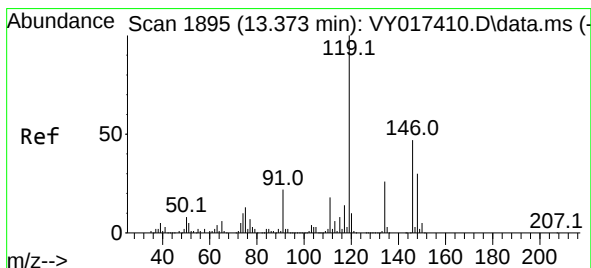
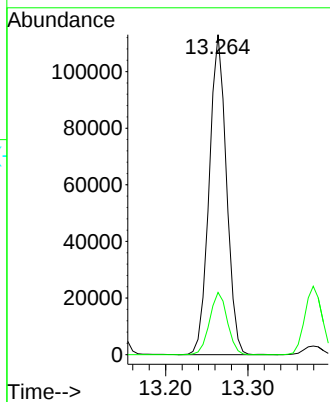
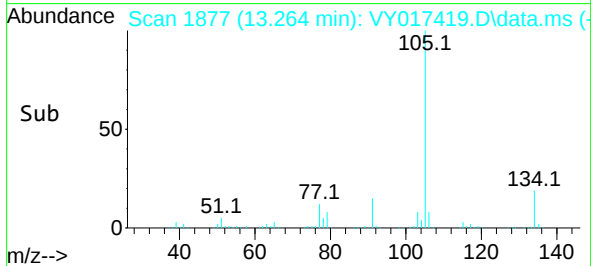
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBSD01



Tgt Ion:105 Resp: 16489
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

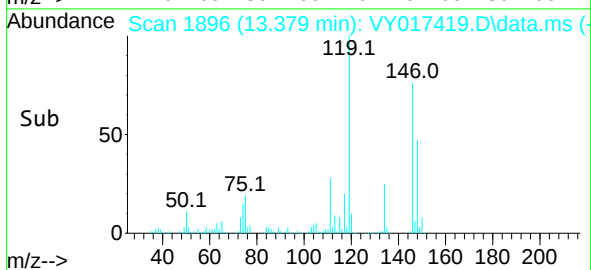
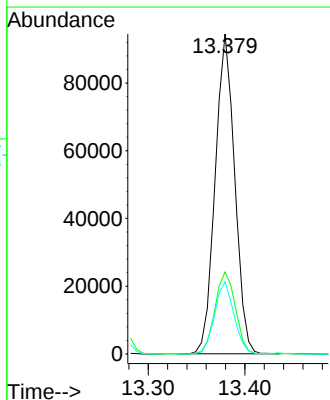
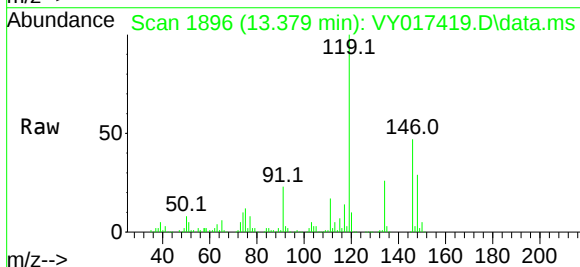
Manual Integrations
 APPROVED

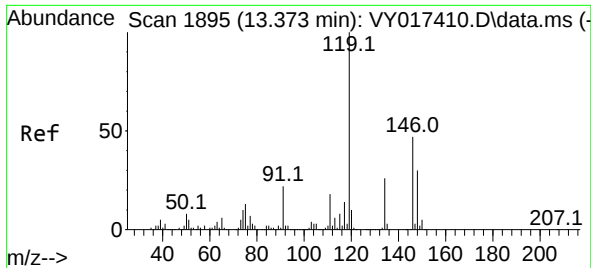
Reviewed By :Mahesh Dadoda 02/21/2024
 Supervised By :Semsettin Yesilyurt 02/21/2024



#86
 p-Isopropyltoluene
 Concen: 20.444 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017419.D
 Acq: 20 Feb 2024 13:42

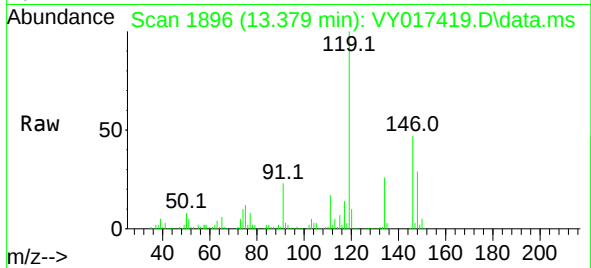
Tgt Ion:119 Resp: 132220
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.6 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 20.040 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

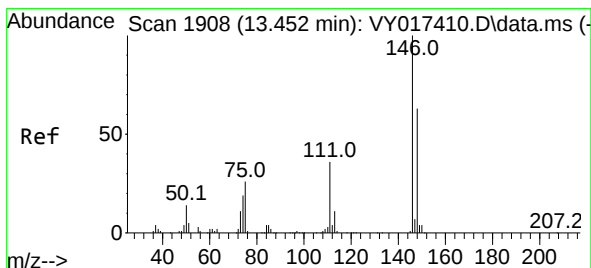
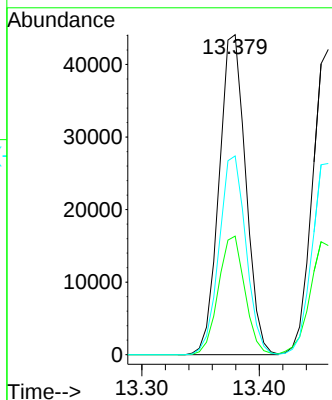
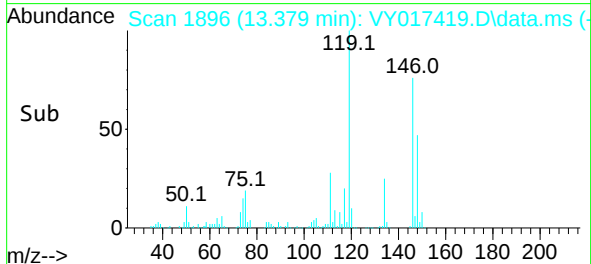
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



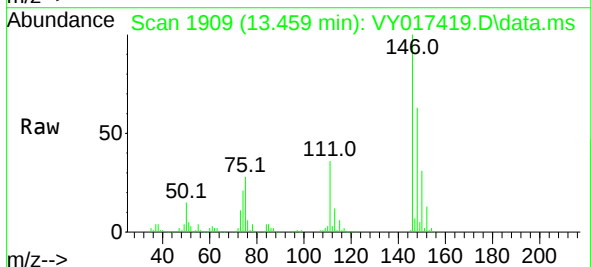
Tgt Ion:146 Resp: 69470
Ion Ratio Lower Upper
146 100
111 36.8 19.0 57.0
148 62.5 31.7 95.1

Manual Integrations
APPROVED

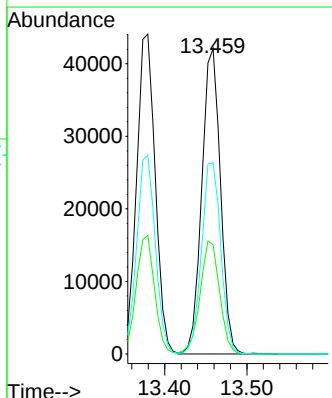
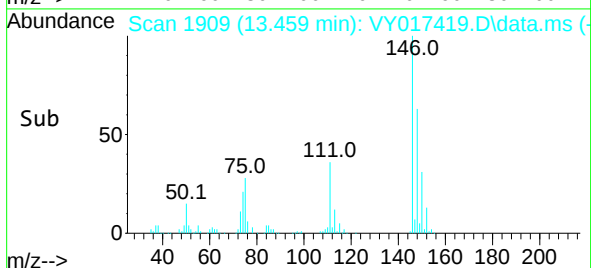
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

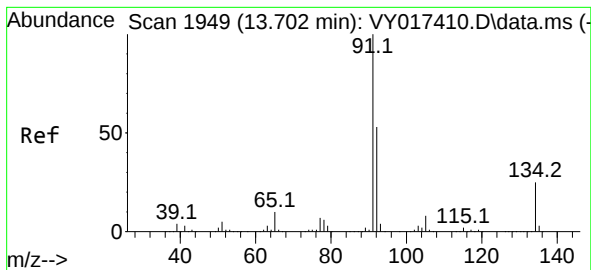


#88
1,4-Dichlorobenzene
Concen: 19.849 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



Tgt Ion:146 Resp: 66443
Ion Ratio Lower Upper
146 100
111 38.6 18.4 55.4
148 64.5 32.4 97.2





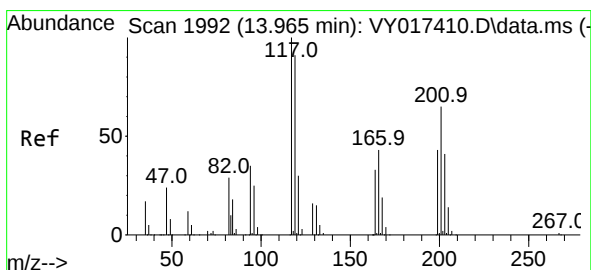
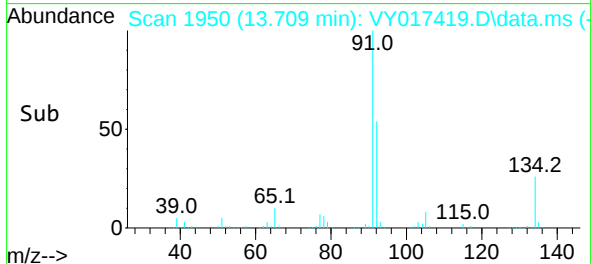
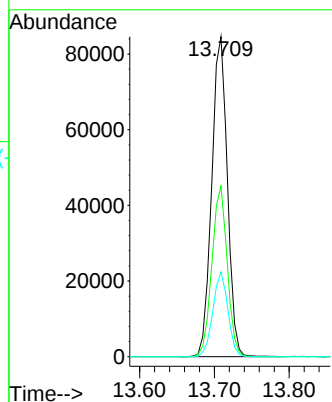
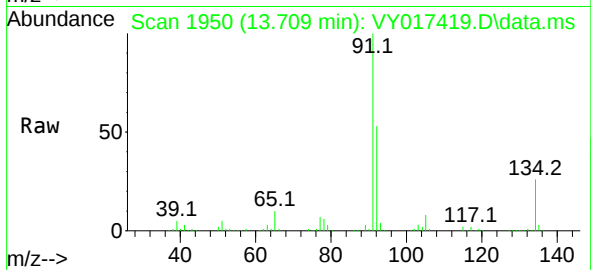
#89
n-Butylbenzene
Concen: 20.876 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBSD01

Tgt Ion: 91 Resp: 122794
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 25.3 12.9 38.7

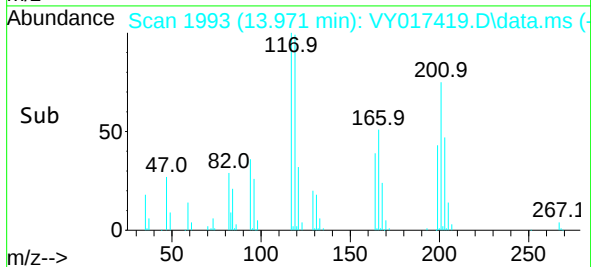
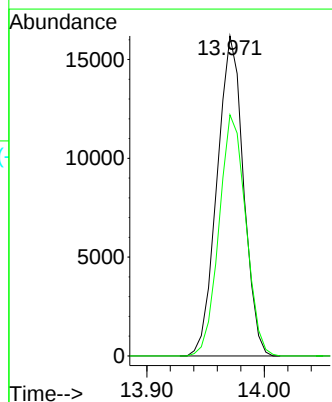
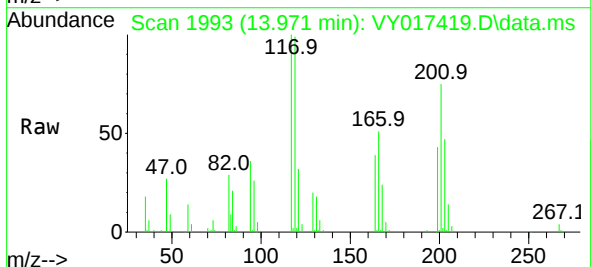
Manual Integrations
APPROVED

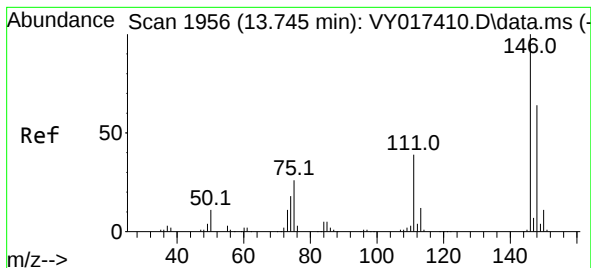
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#90
Hexachloroethane
Concen: 19.950 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

Tgt Ion:117 Resp: 25282
Ion Ratio Lower Upper
117 100
201 76.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.088 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017419.D

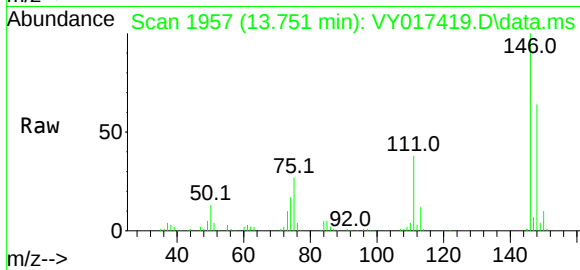
Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

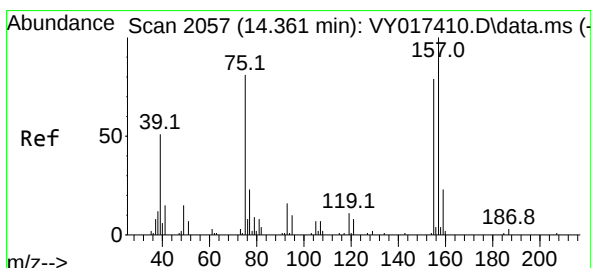
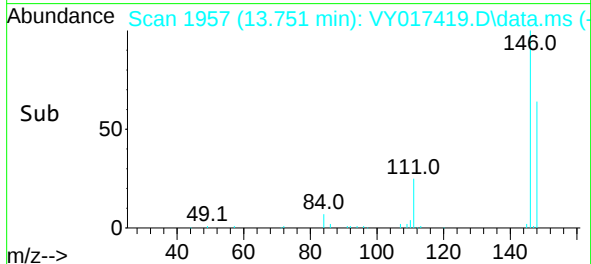
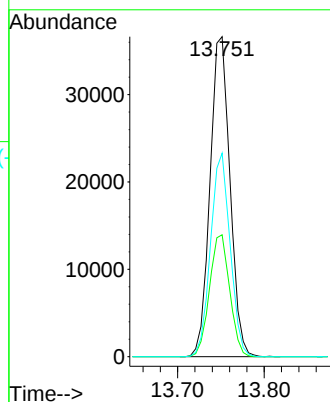


Tgt Ion:146	Resp:	58619
Ion Ratio	Lower	Upper
146	100	
111	38.5	19.9 59.7
148	62.3	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.415 ug/l

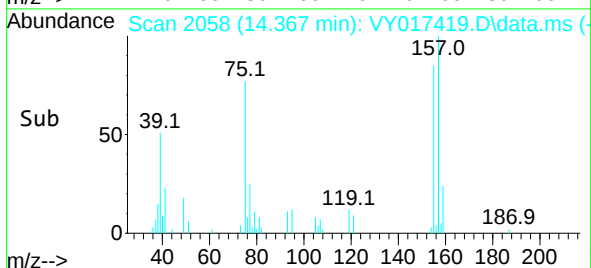
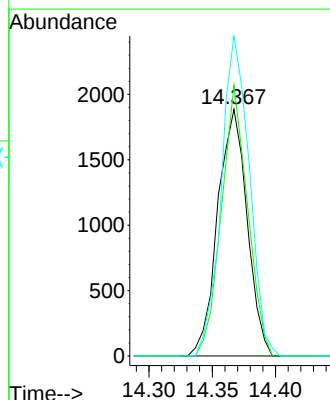
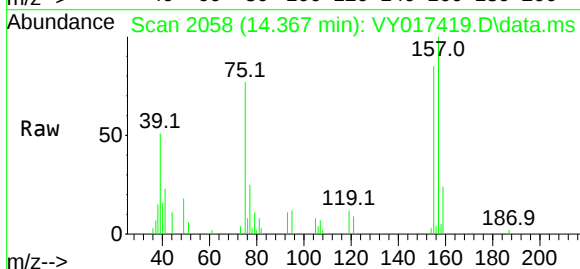
RT: 14.367 min Scan# 2058

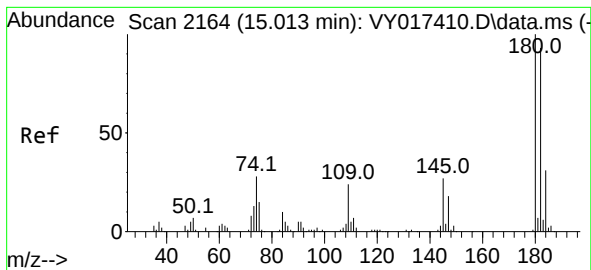
Delta R.T. 0.006 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

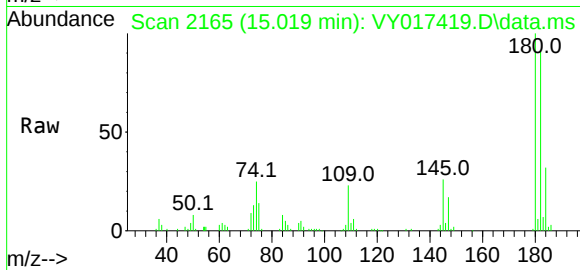
Tgt Ion: 75	Resp:	3045
Ion Ratio	Lower	Upper
75	100	
155	97.8	48.6 145.8
157	123.6	62.7 188.2





#93
1,2,4-Trichlorobenzene
Concen: 20.313 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42

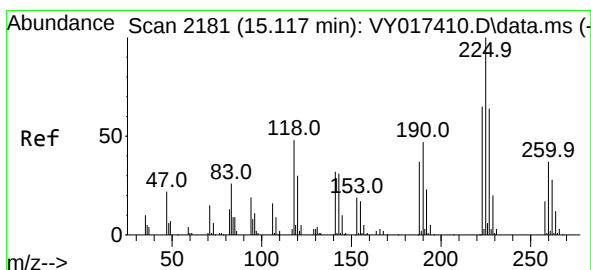
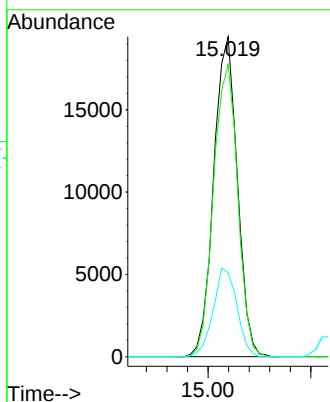
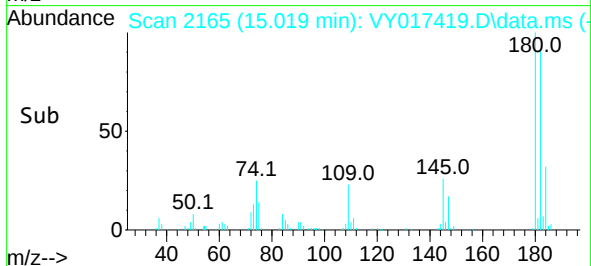
Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01



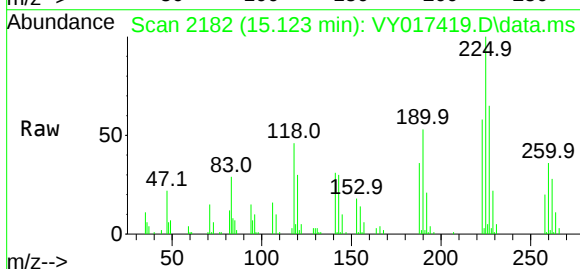
Tgt Ion:180 Resp: 3099
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.8
145 27.8 14.2 42.6

Manual Integrations
APPROVED

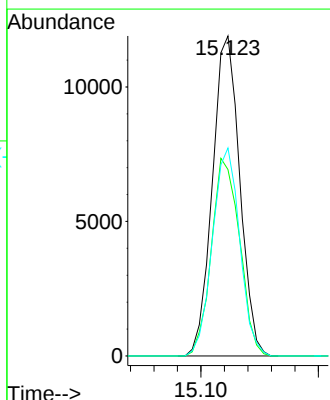
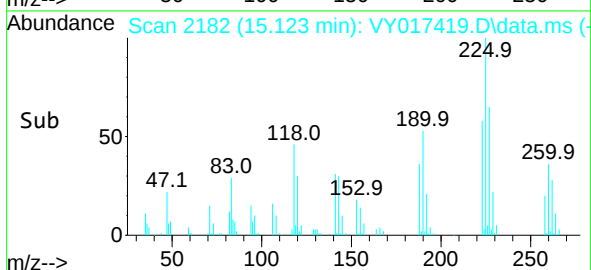
Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024

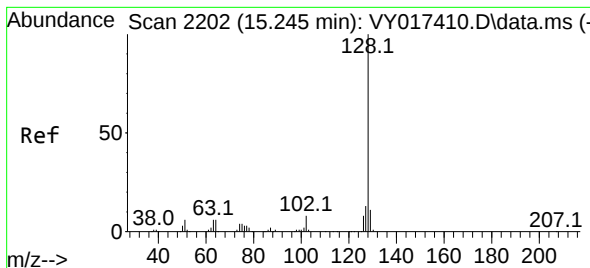


#94
Hexachlorobutadiene
Concen: 20.722 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY017419.D
Acq: 20 Feb 2024 13:42



Tgt Ion:225 Resp: 19230
Ion Ratio Lower Upper
225 100
223 63.6 30.4 91.2
227 64.9 31.9 95.9





#95

Naphthalene

Concen: 19.465 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017419.D

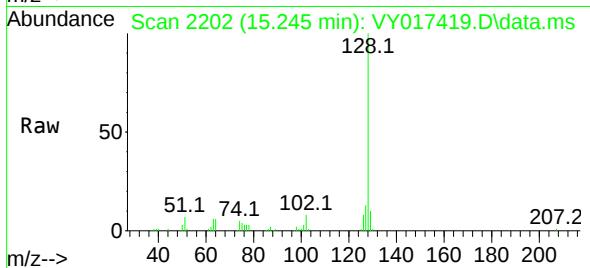
Acq: 20 Feb 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

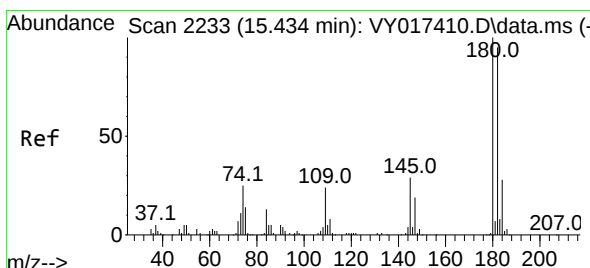
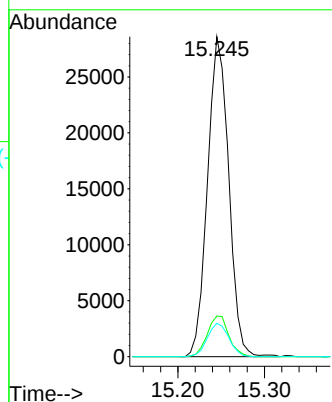
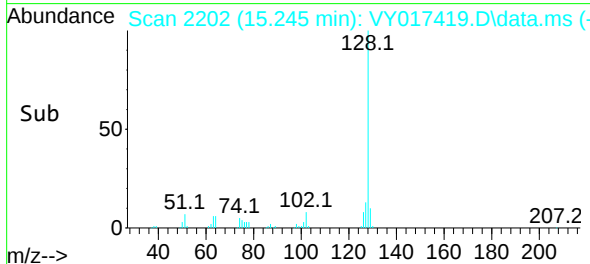


Tgt Ion:	128	Resp:	48570
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/21/2024
Supervised By :Semsettin Yesilyurt 02/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.856 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017419.D

Acq: 20 Feb 2024 13:42

Tgt Ion:	180	Resp:	25470
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.6	142.9
145	31.3	15.4	46.1

