

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101223\
 Data File : VY015943.D
 Acq On : 12 Oct 2023 19:07
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 13 12:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 09:06:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	206818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	301749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	152057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	245660	104.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 208.160%#			
35) Dibromofluoromethane	7.722	113	221211	104.429	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 208.860%#			
50) Toluene-d8	10.185	98	844905	106.508	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 213.020%#			
62) 4-Bromofluorobenzene	12.483	95	291889	103.333	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 206.660%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	192185	111.056	ug/l	95
3) Chloromethane	2.113	50	279649	110.154	ug/l	99
4) Vinyl Chloride	2.253	62	239788	108.319	ug/l	98
5) Bromomethane	2.662	94	142901	114.124	ug/l	100
6) Chloroethane	2.808	64	140425	97.248	ug/l	96
7) Trichlorofluoromethane	3.131	101	406354	108.221	ug/l	99
8) Diethyl Ether	3.540	74	137982	98.323	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	224232	105.024	ug/l	96
10) Methyl Iodide	4.088	142	260523	106.114	ug/l	96
11) Tert butyl alcohol	4.936	59	140933	103.034	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	211494	105.152	ug/l	94
13) Acrolein	3.753	56	216939	486.639	ug/l	100
14) Allyl chloride	4.479	41	330702	101.750	ug/l	90
15) Acrylonitrile	5.198	53	608312	492.059	ug/l	97
16) Acetone	4.015	43	570762m	413.910	ug/l	
17) Carbon Disulfide	4.186	76	674134	109.658	ug/l	99
18) Methyl Acetate	4.509	43	456284	95.940	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	715594	106.132	ug/l	100
20) Methylene Chloride	4.722	84	254713	101.588	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	253440	107.802	ug/l	95
22) Diisopropyl ether	6.137	45	704004	104.311	ug/l	94
23) Vinyl Acetate	6.076	43	2242959	505.164	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	430386	107.178	ug/l	97
25) 2-Butanone	7.094	43	1101670m	533.953	ug/l	
26) 2,2-Dichloropropane	6.990	77	321245	96.340	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	284729	107.710	ug/l	90
28) Bromochloromethane	7.344	49	172284	96.141	ug/l	88
29) Tetrahydrofuran	7.380	42	696214	508.963	ug/l	93
30) Chloroform	7.515	83	438887	105.301	ug/l	97
31) Cyclohexane	7.789	56	380464	101.257	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	398818	107.588	ug/l	97
36) 1,1-Dichloropropene	7.923	75	345859	108.209	ug/l	99
37) Ethyl Acetate	7.094	43	712606m	142.094	ug/l	
38) Carbon Tetrachloride	7.905	117	363932	108.119	ug/l	98
39) Methylcyclohexane	9.185	83	448494	109.369	ug/l	93
40) Benzene	8.167	78	986445	106.668	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	140608	86.629	ug/l #	83
42) 1,2-Dichloroethane	8.246	62	304203	102.516	ug/l	93
43) Isopropyl Acetate	8.289	43	569976	107.777	ug/l #	98
44) Trichloroethene	8.947	130	321314	112.746	ug/l	96
45) 1,2-Dichloropropane	9.222	63	250462	106.138	ug/l	95
46) Dibromomethane	9.313	93	171648	103.484	ug/l	97
47) Bromodichloromethane	9.502	83	356659	106.483	ug/l	97
48) Methyl methacrylate	9.301	41	238106	101.746	ug/l #	79
49) 1,4-Dioxane	9.459	88	61691m	1308.087	ug/l	
51) 4-Methyl-2-Pentanone	10.081	43	1939449	496.720	ug/l	89
52) Toluene	10.252	92	626884	106.024	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	390149	103.886	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	425466	105.390	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	236101	99.976	ug/l	96
56) Ethyl methacrylate	10.514	69	381303	103.138	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	405365	101.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	693939	427.747	ug/l	95
59) 2-Hexanone	10.843	43	1564986	469.552	ug/l	85
60) Dibromochloromethane	10.990	129	276461	102.944	ug/l	99
61) 1,2-Dibromoethane	11.093	107	258206	101.047	ug/l	100
64) Tetrachloroethene	10.727	164	320211	121.732	ug/l	98
65) Chlorobenzene	11.520	112	665690	105.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	252512	107.892	ug/l	99
67) Ethyl Benzene	11.599	91	1194892	108.086	ug/l	98
68) m/p-Xylenes	11.709	106	918532	215.296	ug/l	94
69) o-Xylene	12.032	106	439497	107.749	ug/l	97
70) Styrene	12.050	104	746692	107.565	ug/l	96
71) Bromoform	12.215	173	207954	104.339	ug/l #	98
73) Isopropylbenzene	12.337	105	1152062	107.026	ug/l	100
74) N-amyl acetate	12.148	43	440401	101.272	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	300103	90.766	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	294798m	105.584	ug/l	
77) Bromobenzene	12.611	156	279655	103.488	ug/l	92
78) n-propylbenzene	12.678	91	1391186	106.280	ug/l	99
79) 2-Chlorotoluene	12.764	91	779911	105.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	969535	108.414	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	127211	100.703	ug/l	91
82) 4-Chlorotoluene	12.861	91	800264	105.170	ug/l	99
83) tert-Butylbenzene	13.081	119	843489	107.337	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	960539	107.001	ug/l	98
85) sec-Butylbenzene	13.257	105	1251062	107.272	ug/l	99
86) p-Isopropyltoluene	13.373	119	1054654	108.216	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	544621	104.948	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	545968	104.185	ug/l	99
89) n-Butylbenzene	13.702	91	995706	108.648	ug/l	97
90) Hexachloroethane	13.965	117	199887	107.011	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	505441	103.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	98987	104.657	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	346096	108.146	ug/l	98
94) Hexachlorobutadiene	15.117	225	177583	109.287	ug/l	99
95) Naphthalene	15.239	128	1138048	109.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	326384	106.378	ug/l	99

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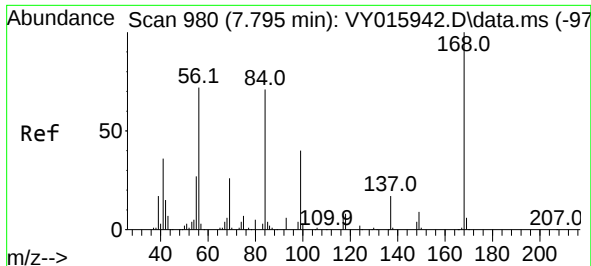
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/13/2023

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Response via : Initial Calibration

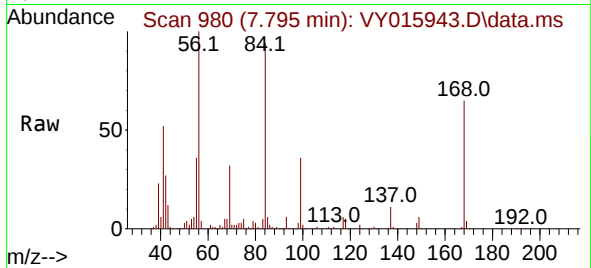
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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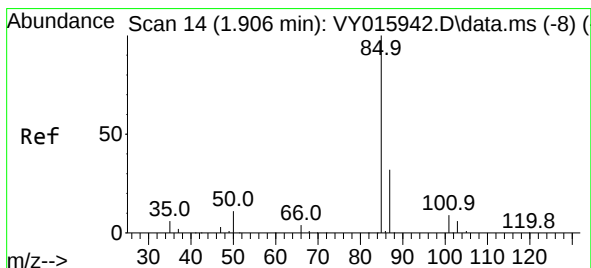
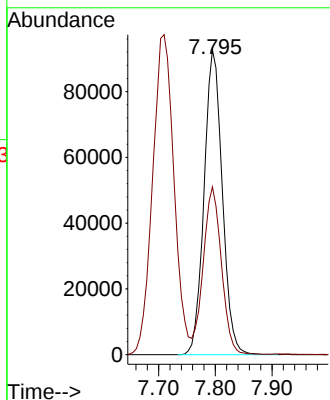
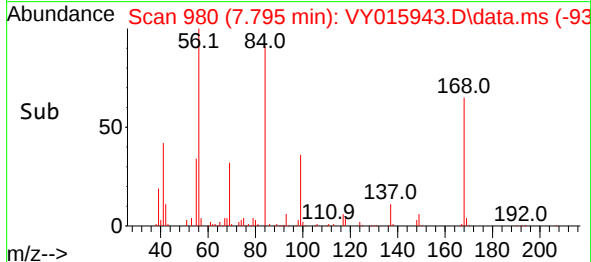
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 206818
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0

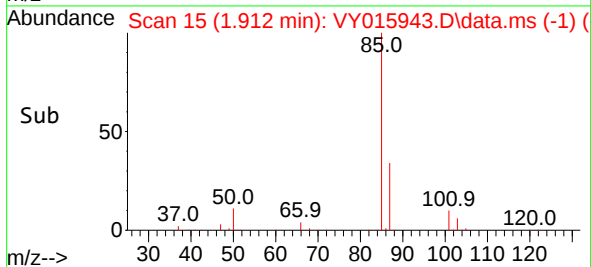
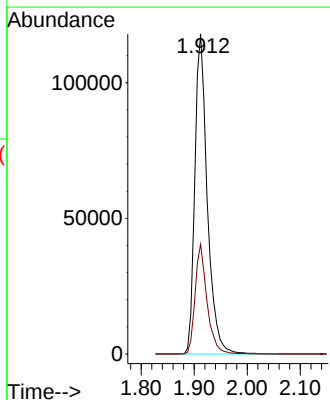
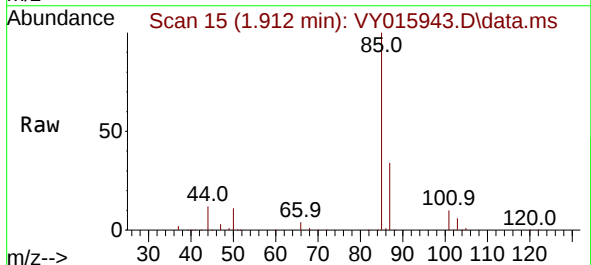
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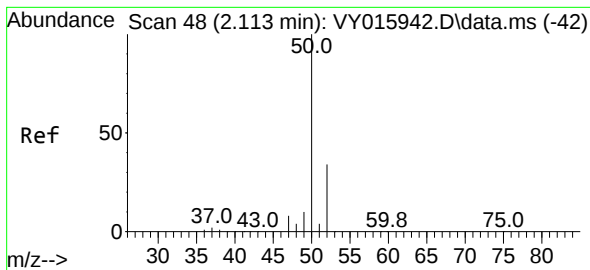
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#2
Dichlorodifluoromethane
Concen: 111.056 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 85 Resp: 192185
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.8





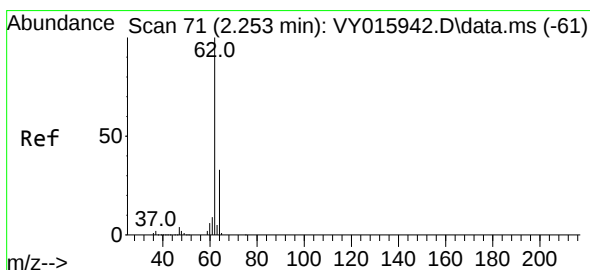
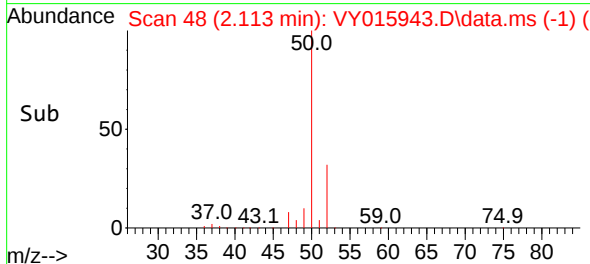
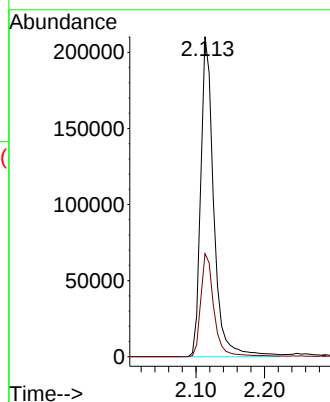
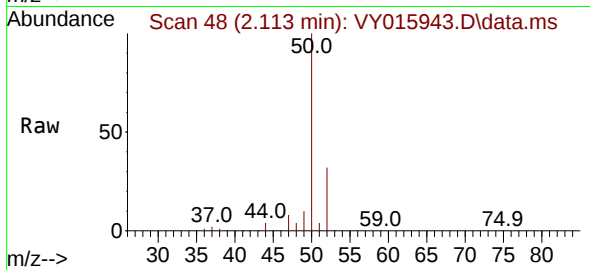
#3
Chloromethane
Concen: 110.154 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 279649
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

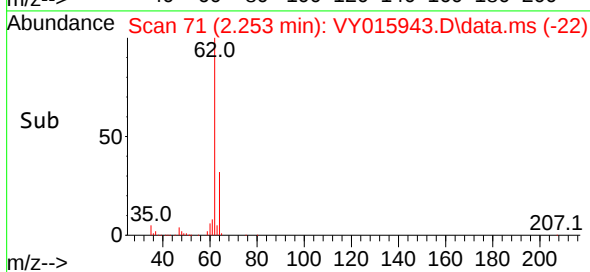
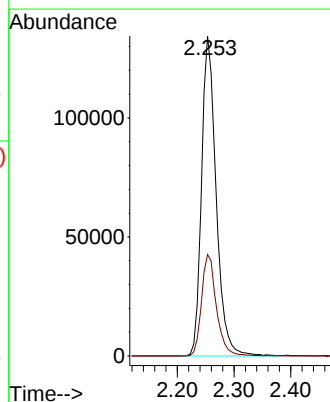
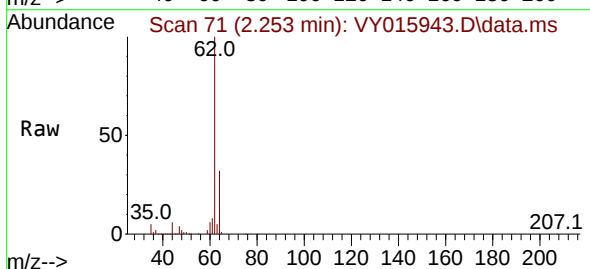
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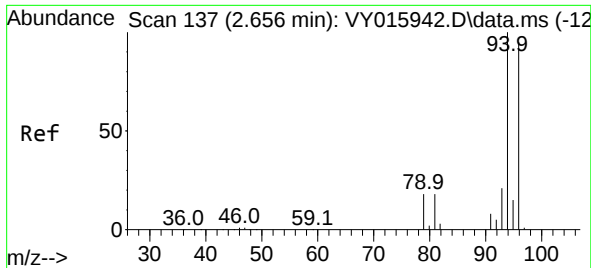
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#4
Vinyl Chloride
Concen: 108.319 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 62 Resp: 239788
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5

Bromomethane

Concen: 114.124 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 94 Resp: 14290

Ion Ratio Lower Upper

94 100

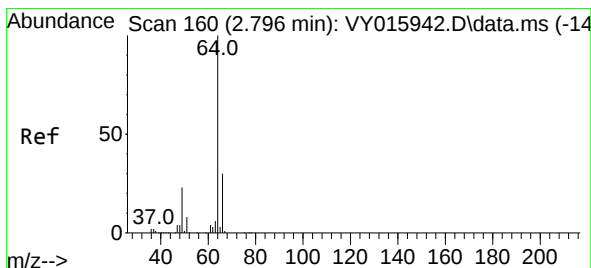
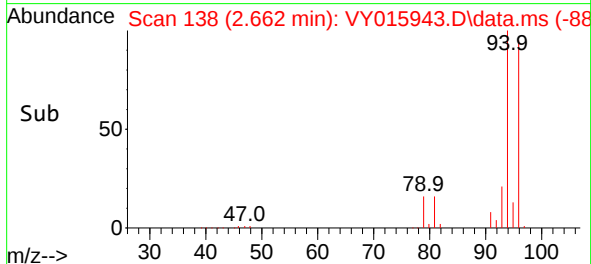
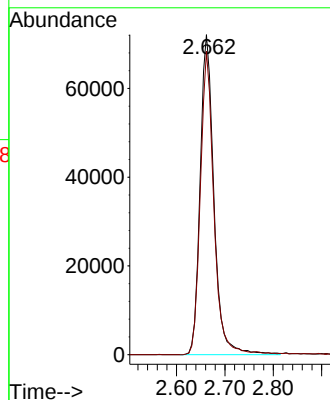
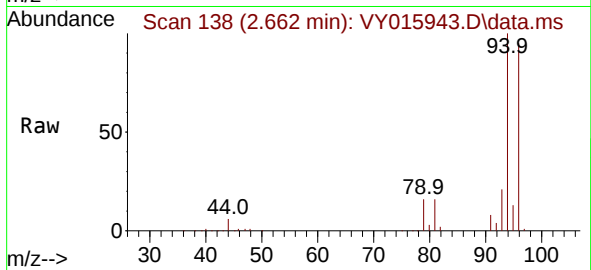
96 94.8 75.8 113.6

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#6

Chloroethane

Concen: 97.248 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY015943.D

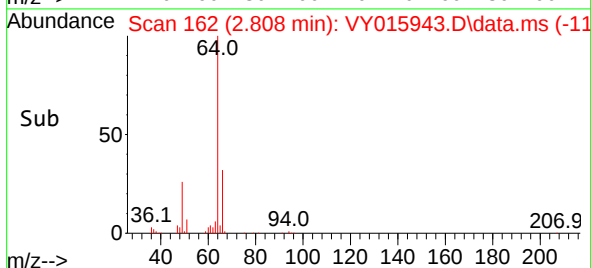
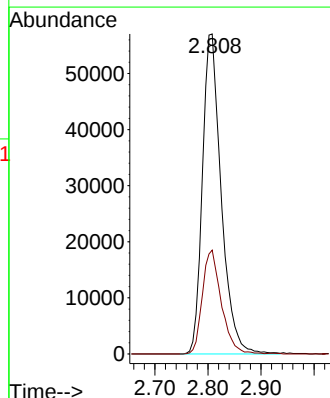
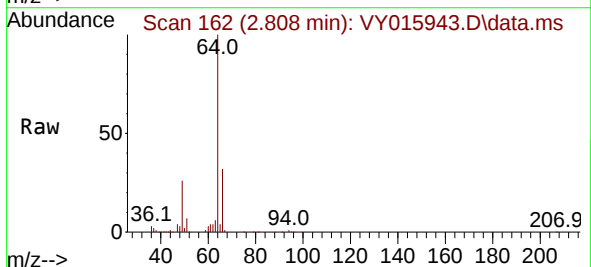
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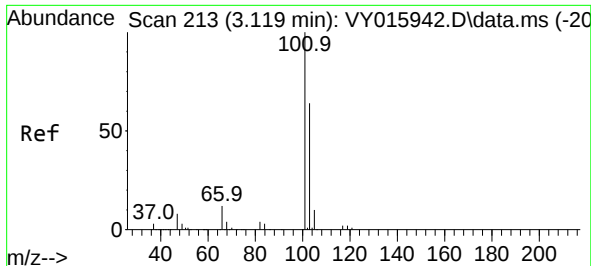
Tgt Ion: 64 Resp: 140425

Ion Ratio Lower Upper

64 100

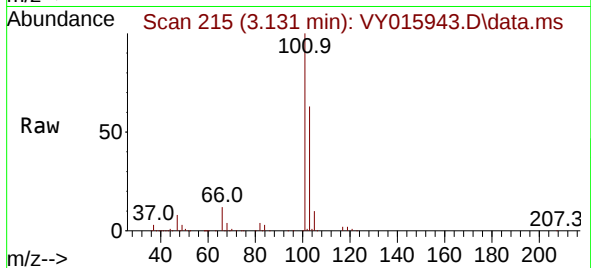
66 32.4 24.4 36.6





#7
Trichlorofluoromethane
Concen: 108.221 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

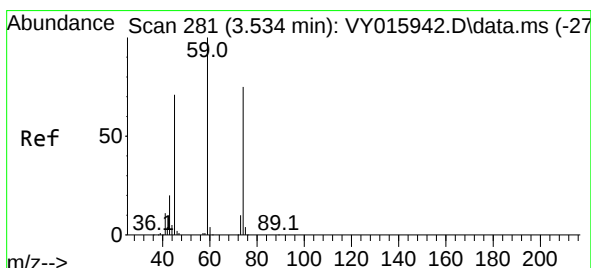
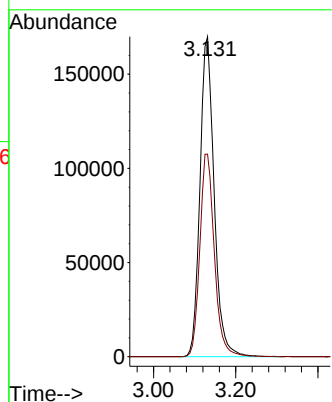
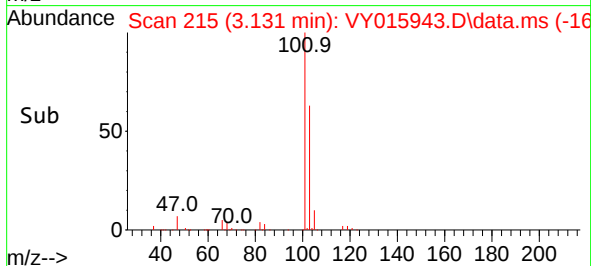
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



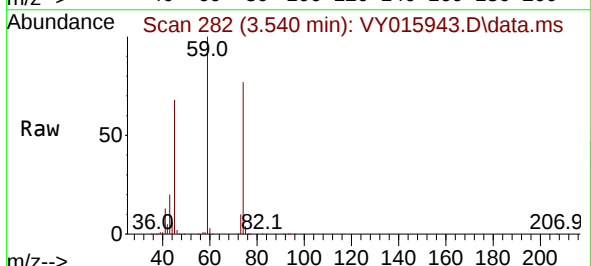
Tgt Ion:101 Resp: 406354
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0

Manual Integrations
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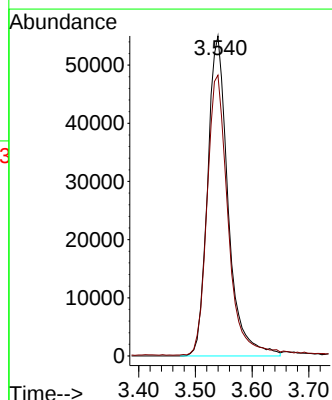
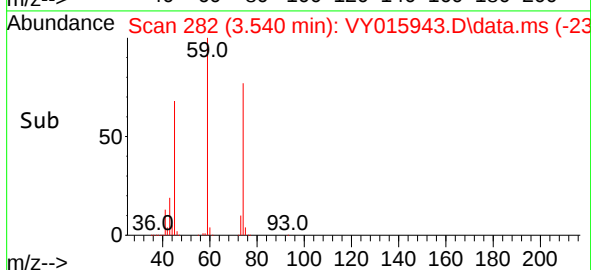
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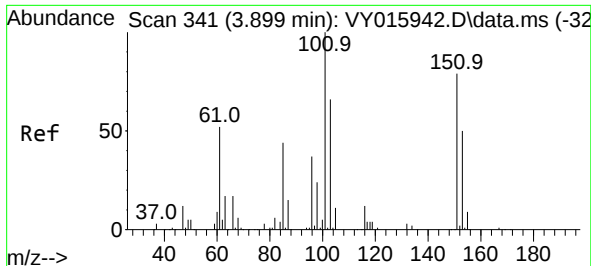


#8
Diethyl Ether
Concen: 98.323 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07



Tgt Ion: 74 Resp: 137982
Ion Ratio Lower Upper
74 100
45 90.9 51.5 154.5





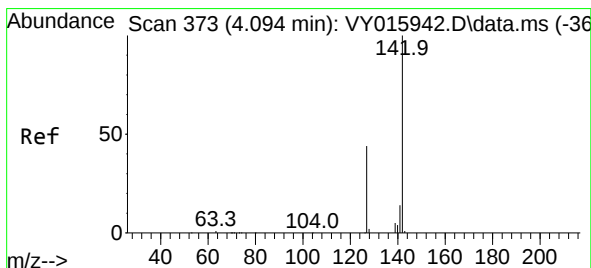
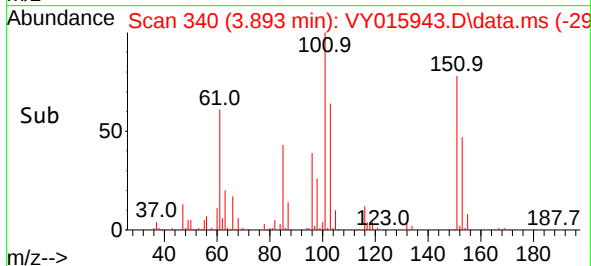
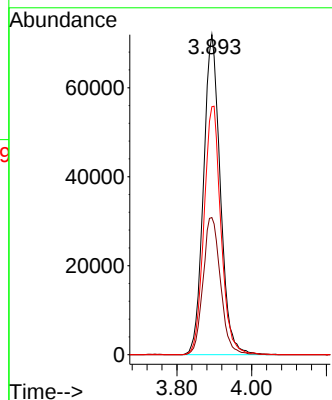
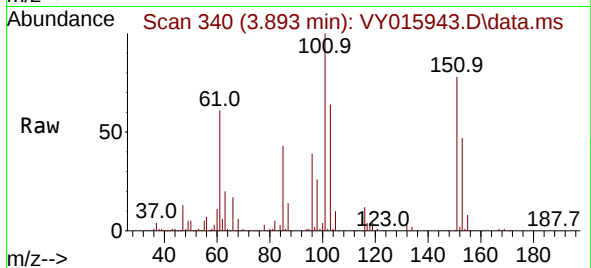
#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.024 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 22423
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 78.5 67.0 100.6

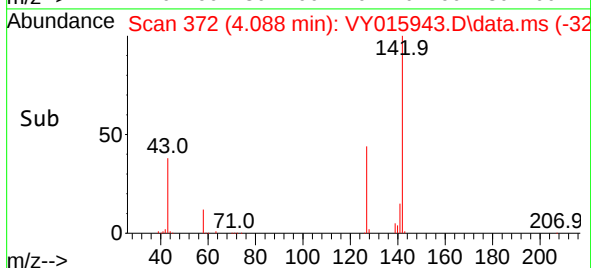
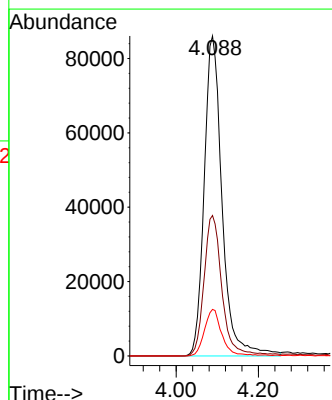
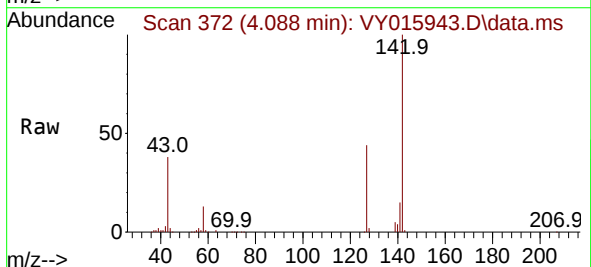
Manual Integrations
APPROVED

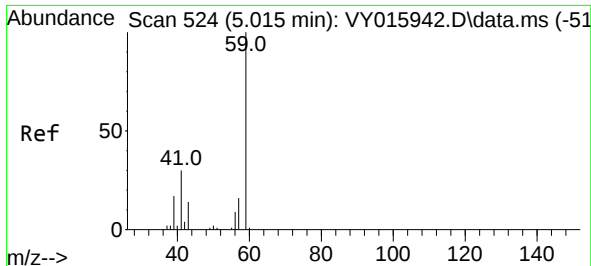
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#10
Methyl Iodide
Concen: 106.114 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:142 Resp: 260523
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 14.1 11.8 17.8





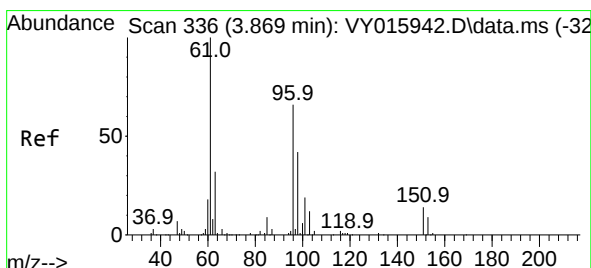
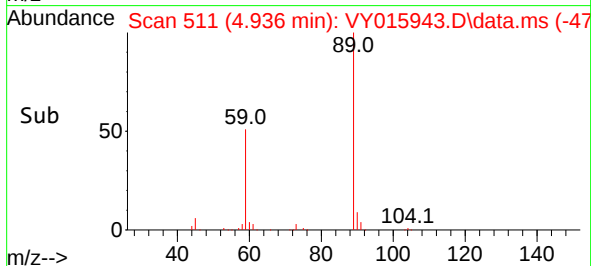
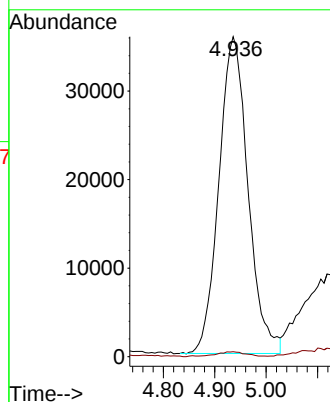
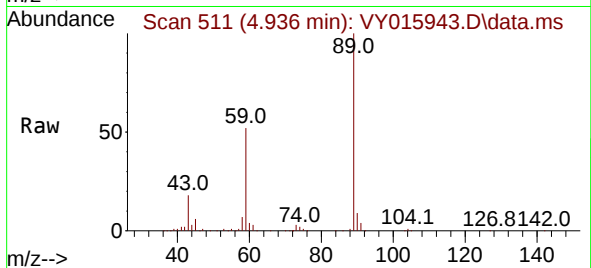
#11
Tert butyl alcohol
Concen: 103.034 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.079 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 140933
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

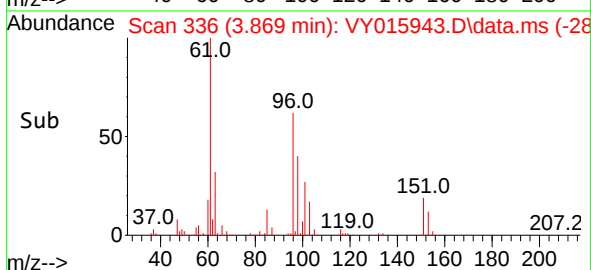
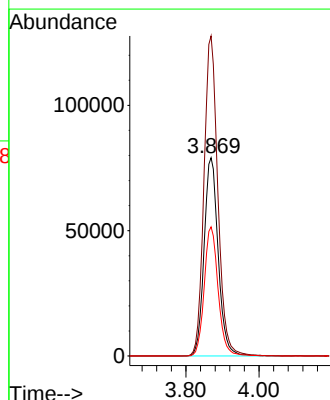
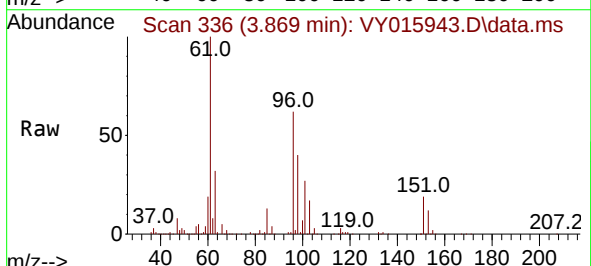
Manual Integrations
APPROVED

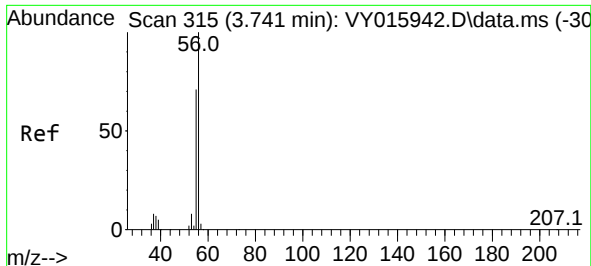
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#12
1,1-Dichloroethene
Concen: 105.152 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 96 Resp: 211494
Ion Ratio Lower Upper
96 100
61 161.4 136.4 204.6
98 65.1 49.4 74.2





#13

Acrolein

Concen: 486.639 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 216939

Ion Ratio Lower Upper

56 100

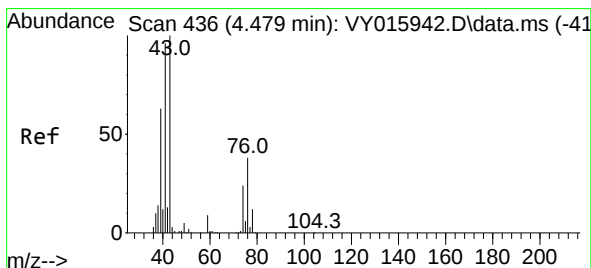
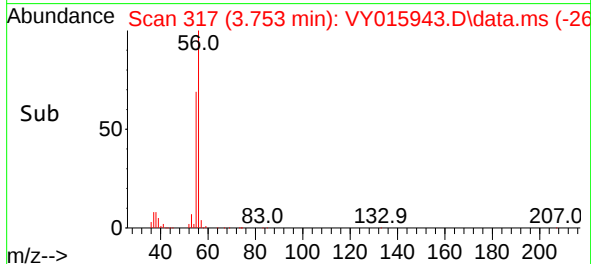
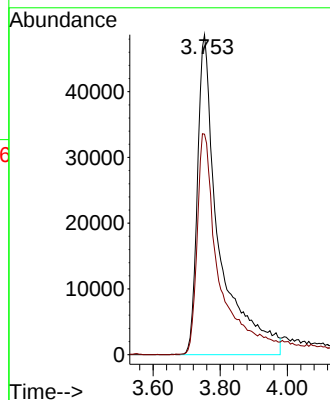
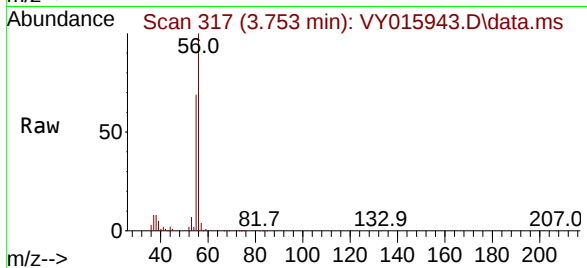
55 71.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#14

Allyl chloride

Concen: 101.750 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

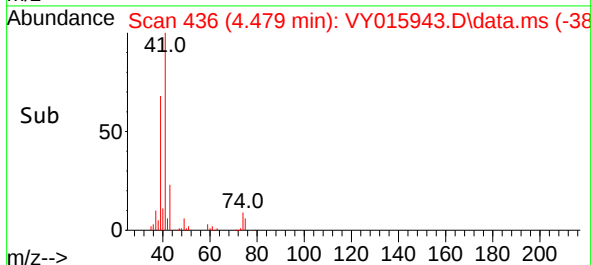
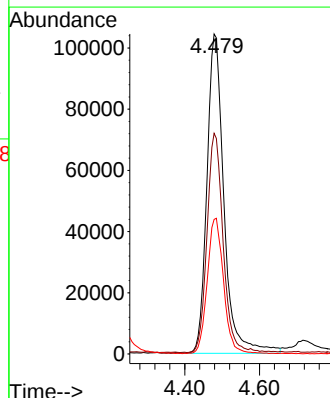
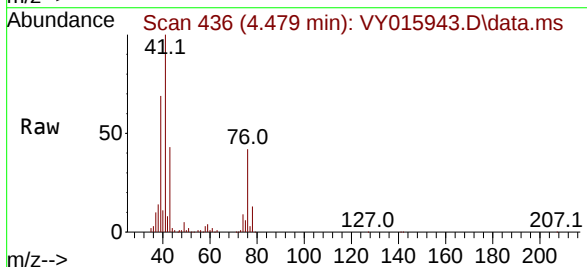
Tgt Ion: 41 Resp: 330702

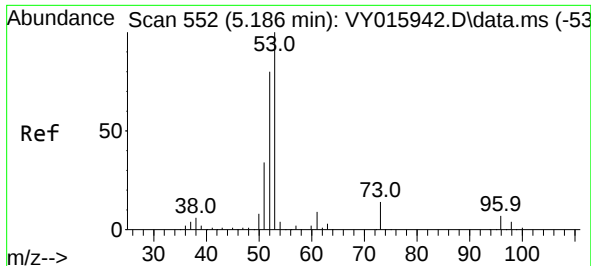
Ion Ratio Lower Upper

41 100

39 64.9 58.0 87.0

76 40.4 27.4 41.2





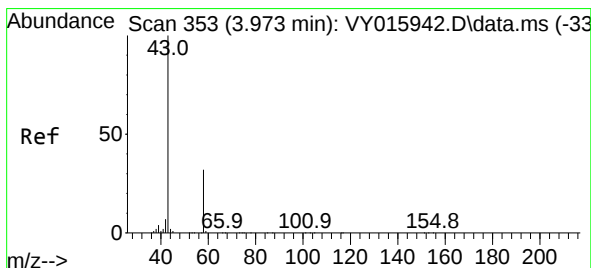
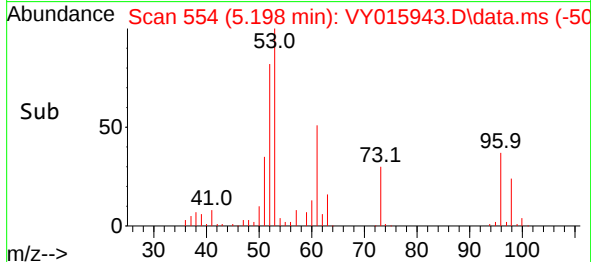
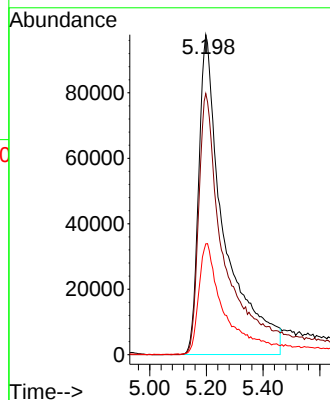
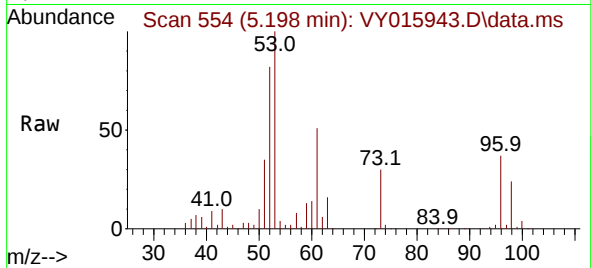
#15
Acrylonitrile
Concen: 492.059 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 60831
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 34.5 29.8 44.6

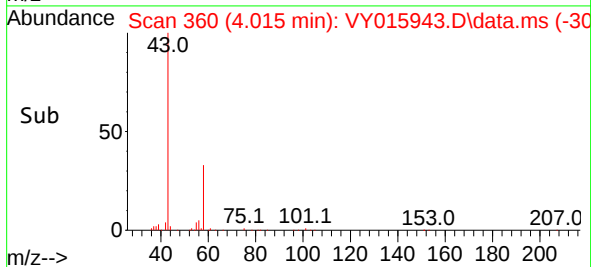
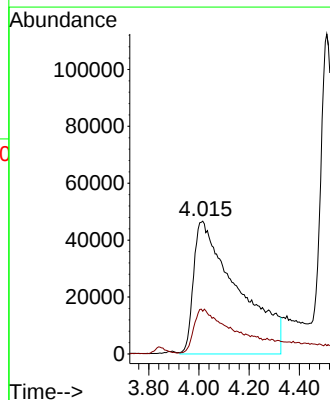
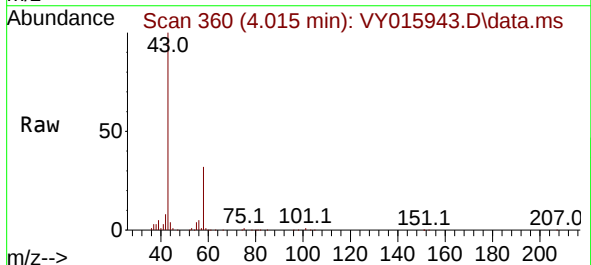
Manual Integrations
APPROVED

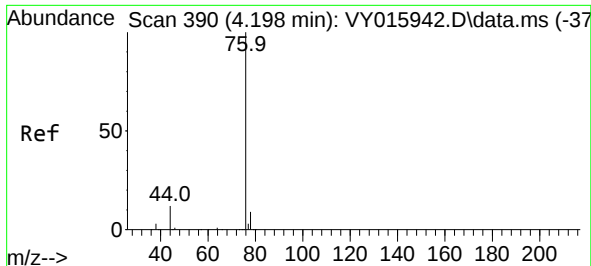
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#16
Acetone
Concen: 413.910 ug/l m
RT: 4.015 min Scan# 360
Delta R.T. 0.043 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

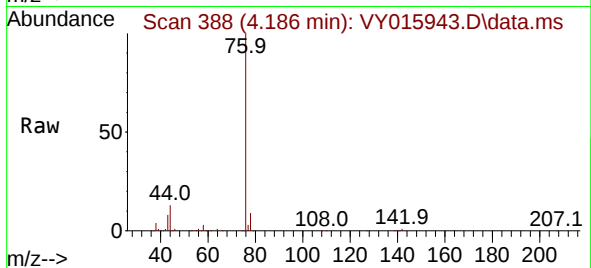
Tgt Ion: 43 Resp: 570762
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





#17
Carbon Disulfide
Concen: 109.658 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

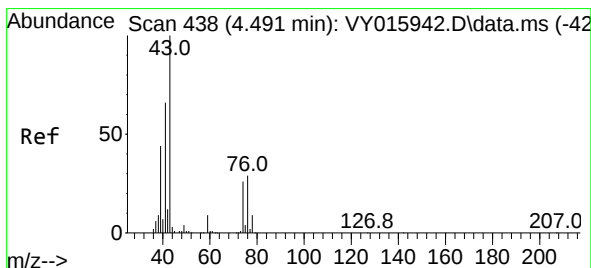
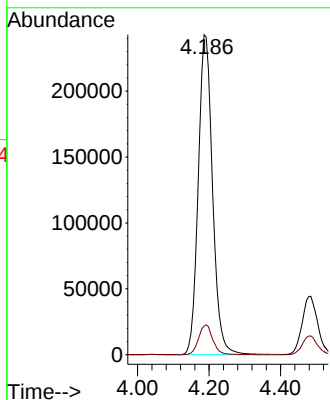
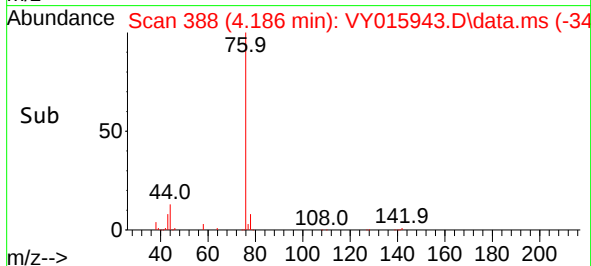
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 674134
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

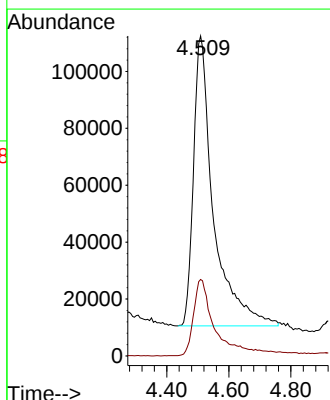
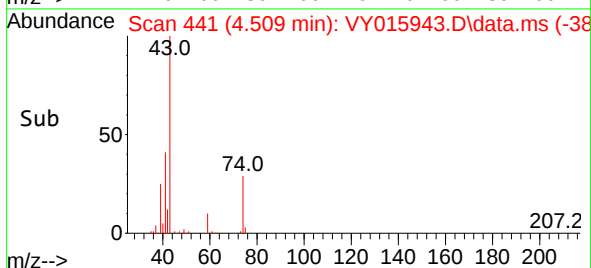
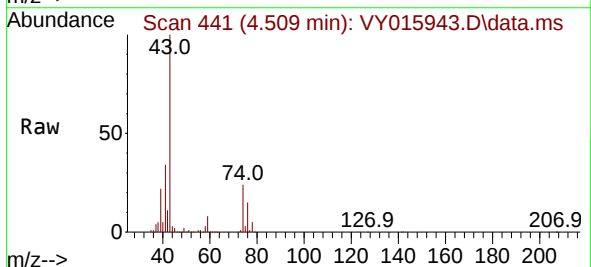
Manual Integrations
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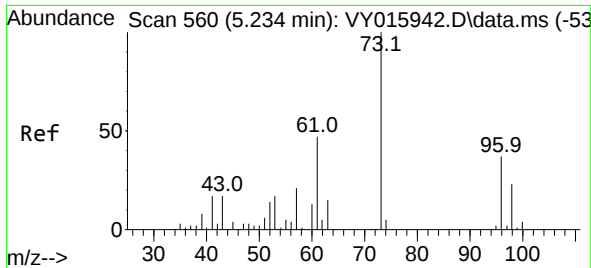
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#18
Methyl Acetate
Concen: 95.940 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 43 Resp: 456284
Ion Ratio Lower Upper
43 100
74 26.9 17.4 26.0#





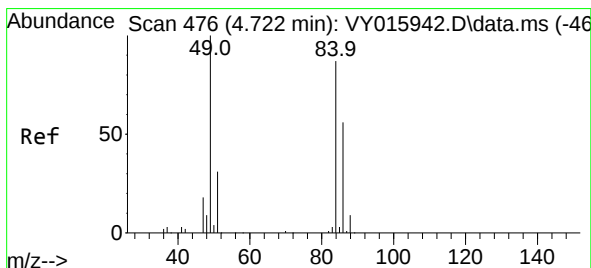
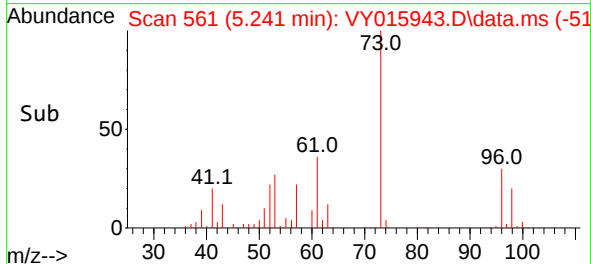
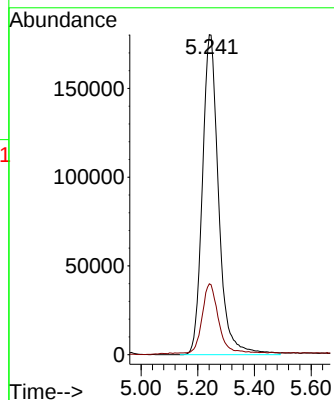
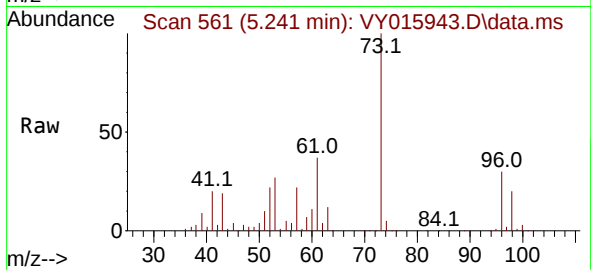
#19
Methyl tert-butyl Ether
Concen: 106.132 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 715594
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

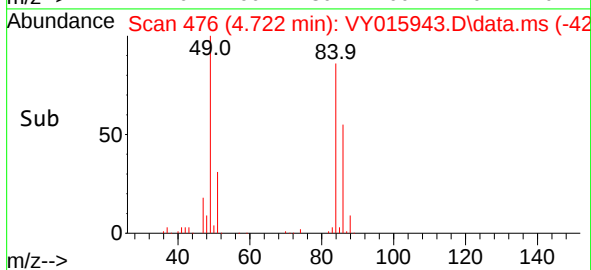
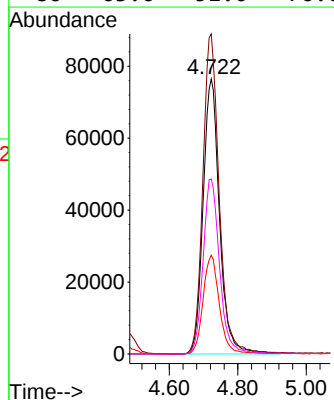
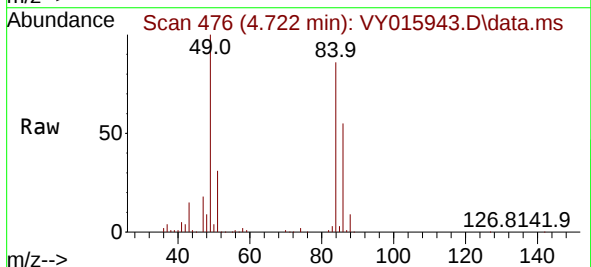
Manual Integrations
APPROVED

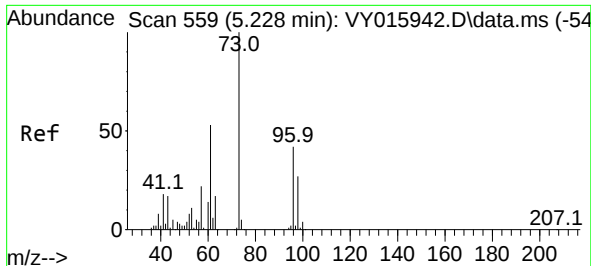
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#20
Methylene Chloride
Concen: 101.588 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

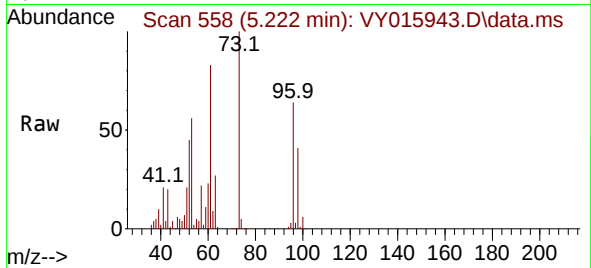
Tgt Ion: 84 Resp: 254713
Ion Ratio Lower Upper
84 100
49 116.3 106.9 160.3
51 35.9 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 107.802 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

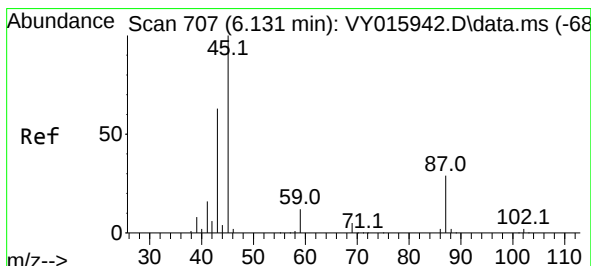
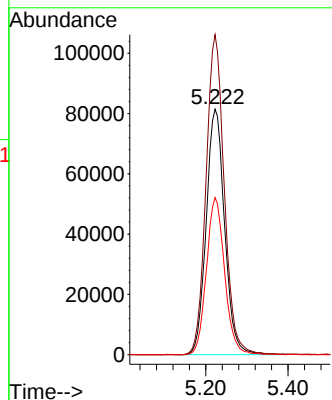
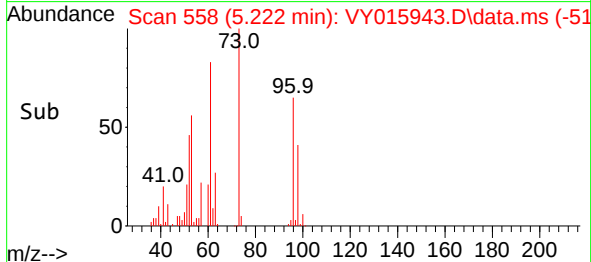
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 253440
Ion Ratio Lower Upper
96 100
61 130.3 110.2 165.4
98 64.0 51.8 77.6

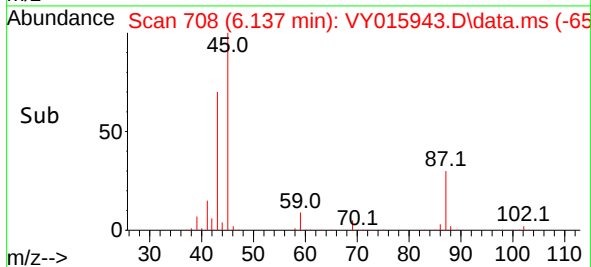
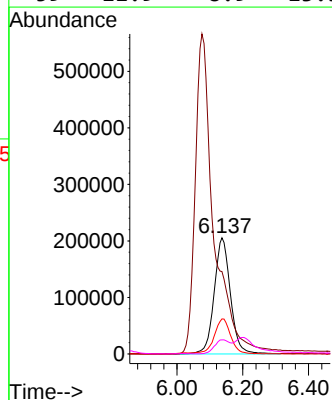
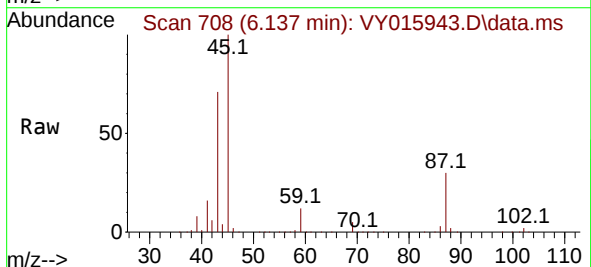
Manual Integrations
APPROVED

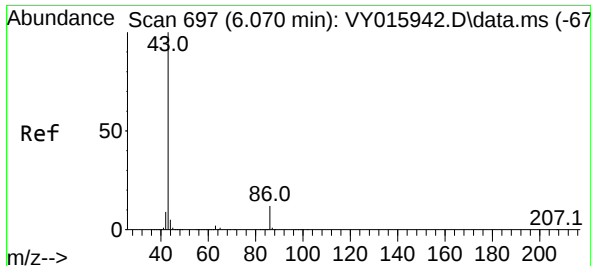
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#22
Diisopropyl ether
Concen: 104.311 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

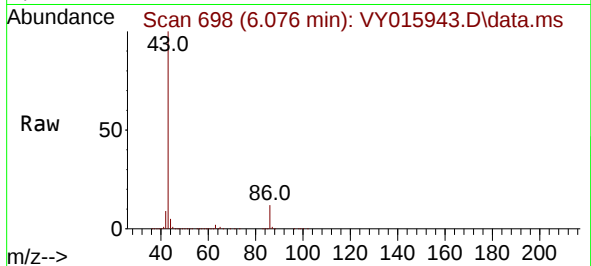
Tgt Ion: 45 Resp: 704004
Ion Ratio Lower Upper
45 100
43 70.7 52.2 78.4
87 30.1 21.0 31.6
59 11.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 505.164 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY015943.D
 Acq: 12 Oct 2023 19:07

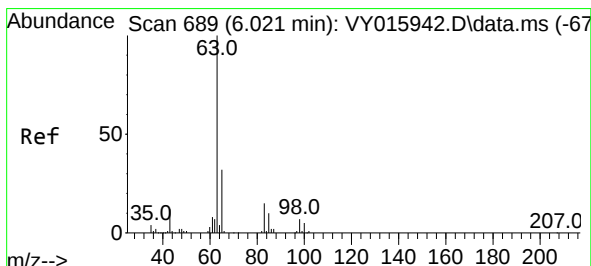
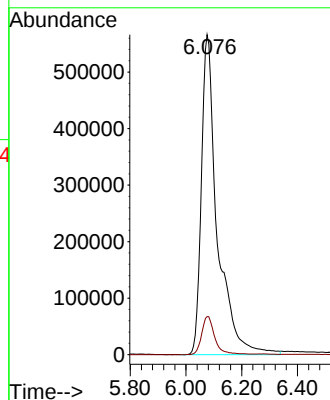
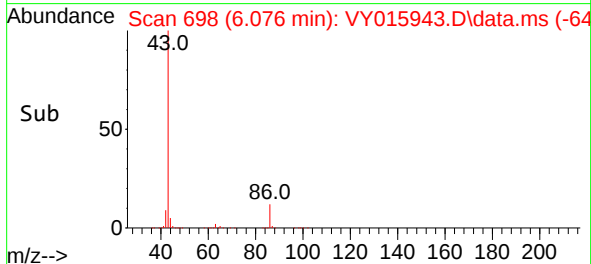
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



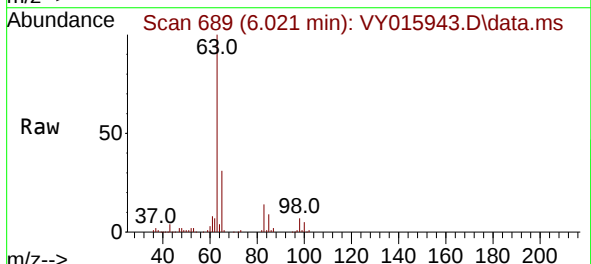
Tgt Ion: 43 Resp: 224295
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

Manual Integrations
 APPROVED

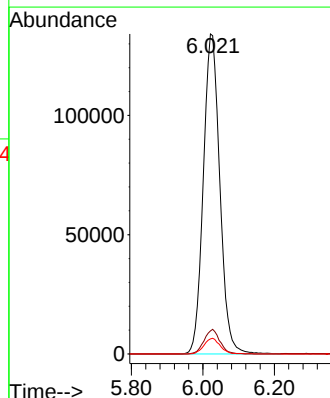
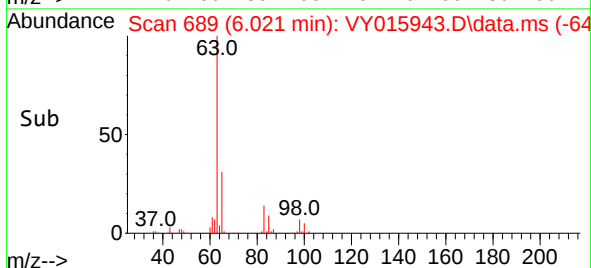
Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023

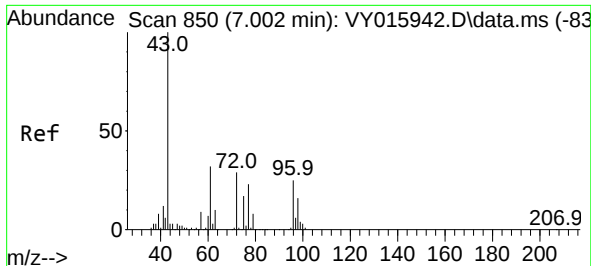


#24
 1,1-Dichloroethane
 Concen: 107.178 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY015943.D
 Acq: 12 Oct 2023 19:07



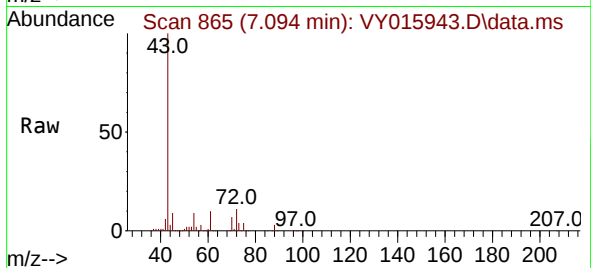
Tgt Ion: 63 Resp: 430386
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 533.953 ug/l m
RT: 7.094 min Scan# 80
Delta R.T. 0.091 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

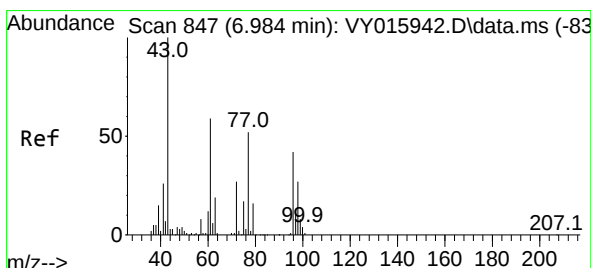
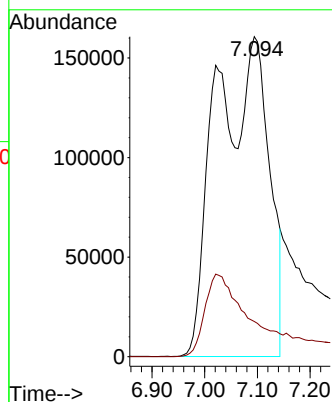
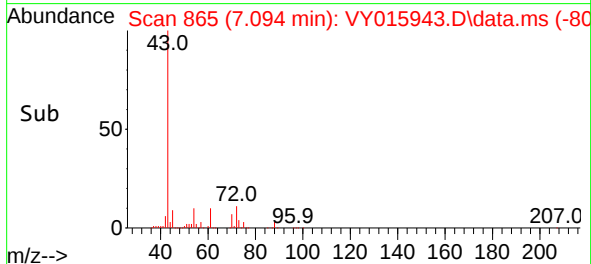
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1101670
Ion Ratio Lower Upper
43 100
72 11.0 20.5 30.7

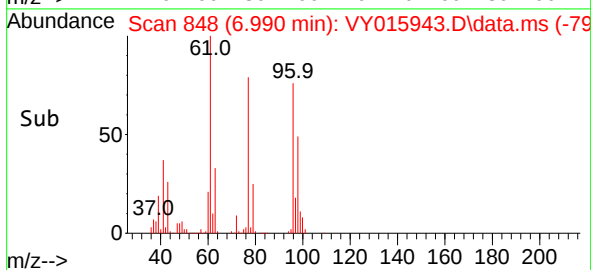
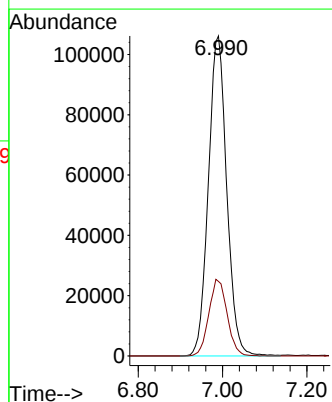
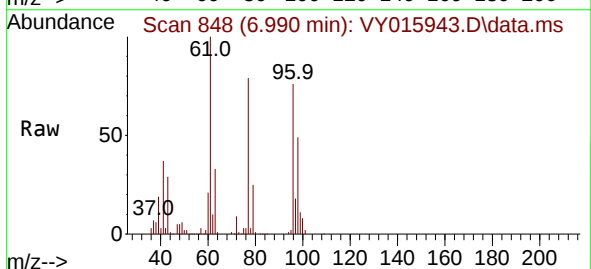
Manual Integrations
APPROVED

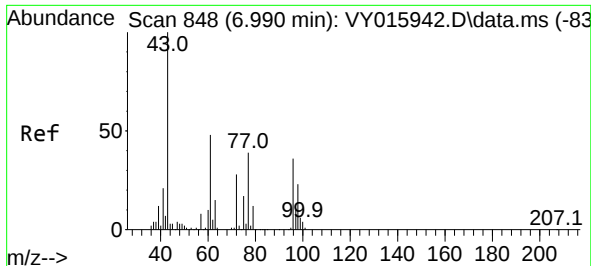
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#26
2,2-Dichloropropane
Concen: 96.340 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

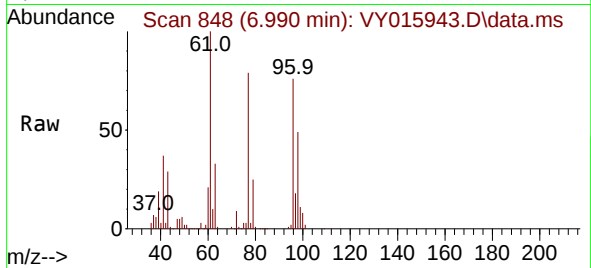
Tgt Ion: 77 Resp: 321245
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 107.710 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

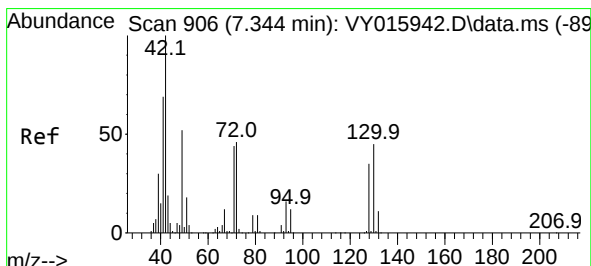
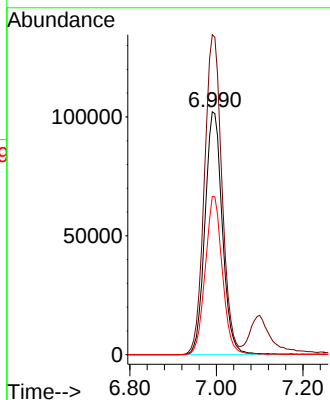
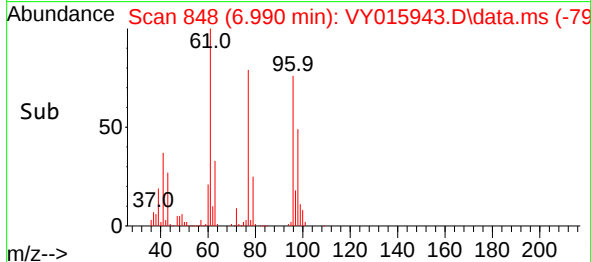
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 284729
Ion Ratio Lower Upper
96 100
61 132.5 0.0 301.4
98 64.0 0.0 130.4

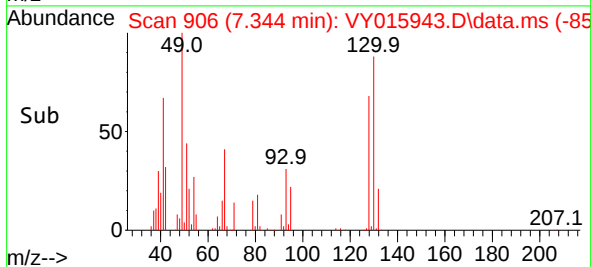
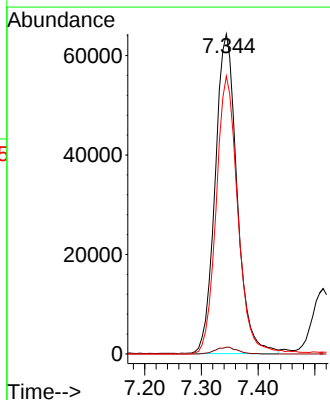
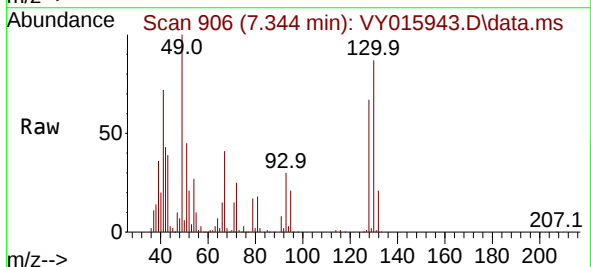
Manual Integrations
APPROVED

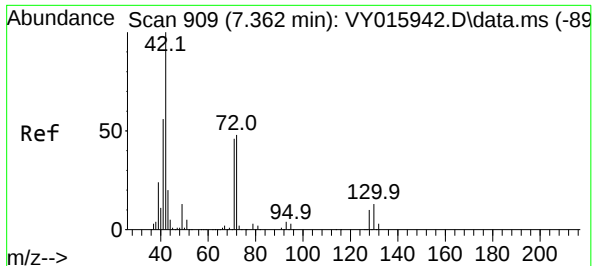
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#28
Bromochloromethane
Concen: 96.141 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 49 Resp: 172284
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 86.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 508.963 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

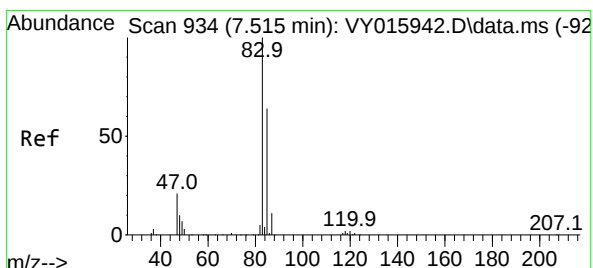
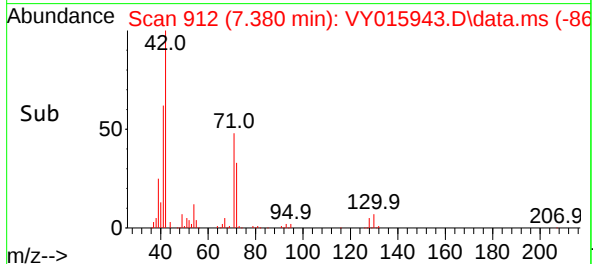
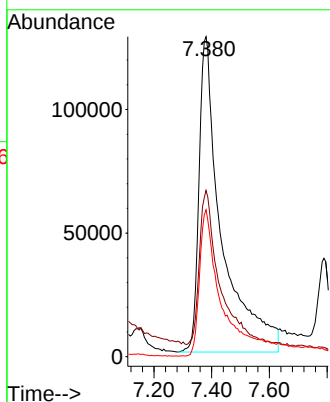
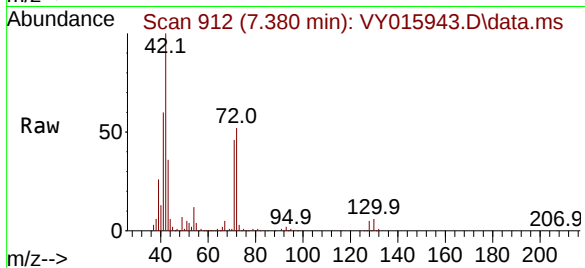
Tgt Ion: 42 Resp: 696214

Ion	Ratio	Lower	Upper
42	100		
72	43.1	32.8	49.2
71	45.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#30

Chloroform

Concen: 105.301 ug/l

RT: 7.515 min Scan# 934

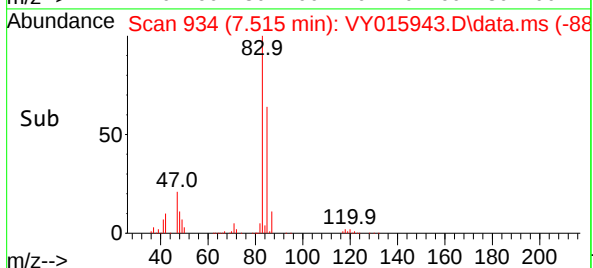
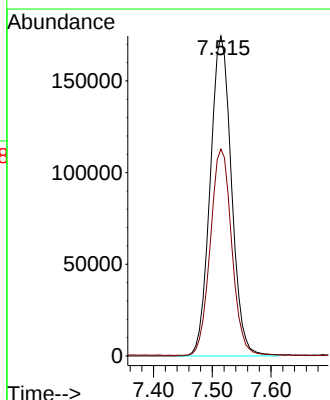
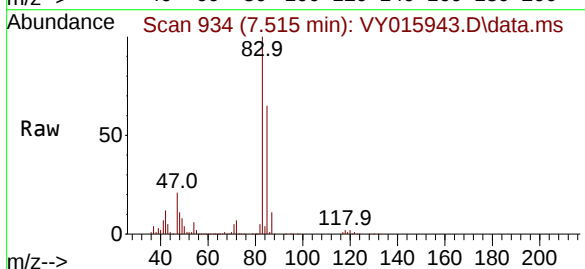
Delta R.T. -0.000 min

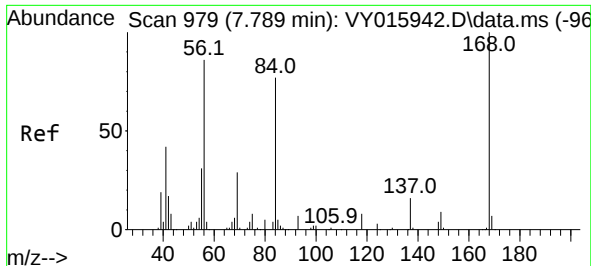
Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Tgt Ion: 83 Resp: 438887

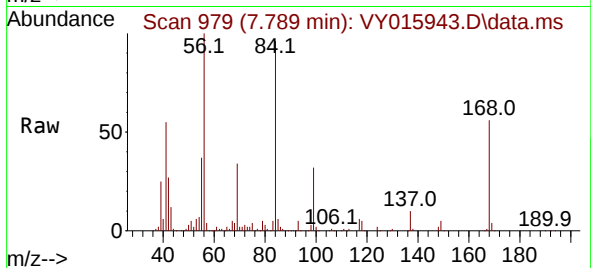
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.7	74.5





#31
Cyclohexane
Concen: 101.257 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

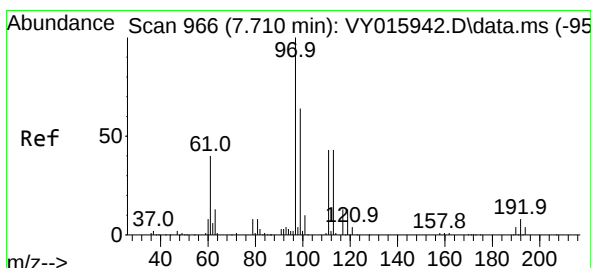
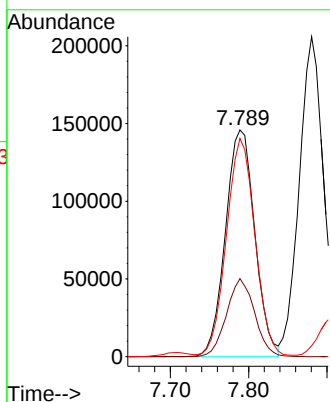
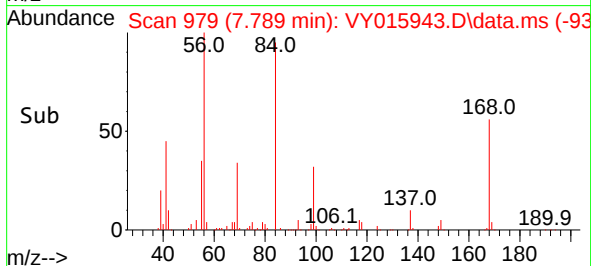
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



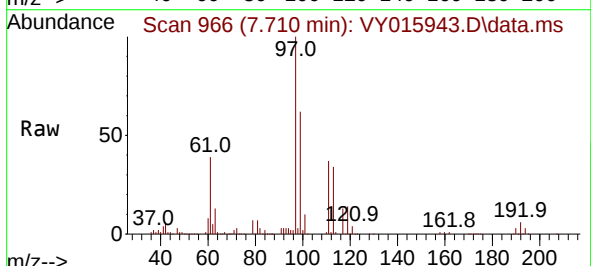
Tgt Ion: 56 Resp: 380464
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 94.5 66.4 99.6

Manual Integrations
APPROVED

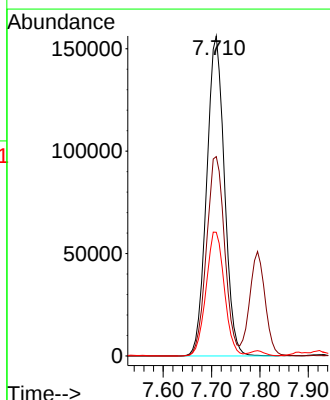
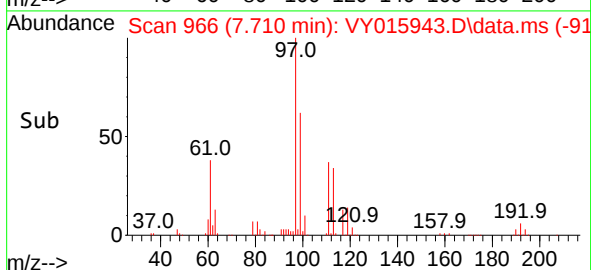
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

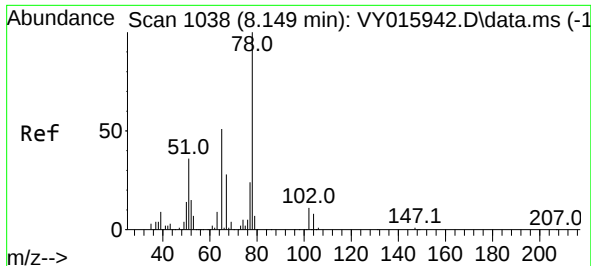


#32
1,1,1-Trichloroethane
Concen: 107.588 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07



Tgt Ion: 97 Resp: 398818
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 39.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 104.077 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 245660

Ion Ratio Lower Upper

65 100

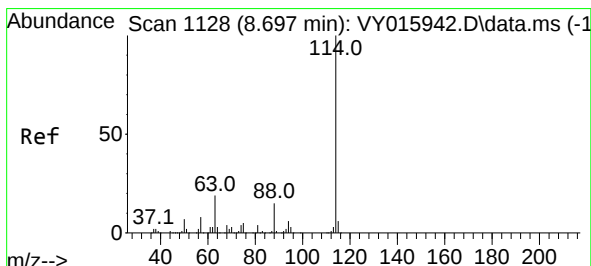
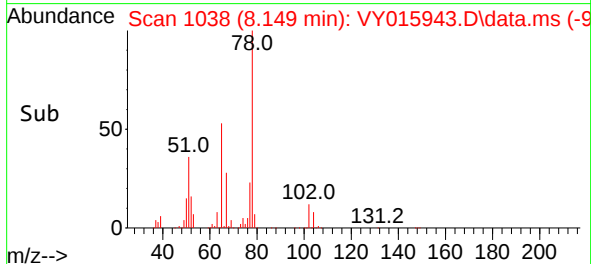
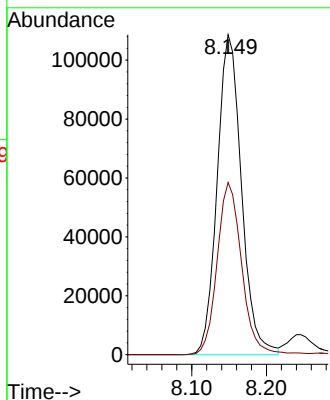
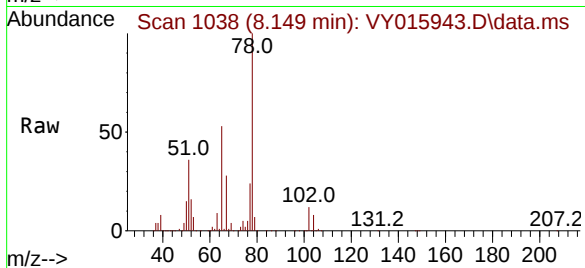
67 54.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

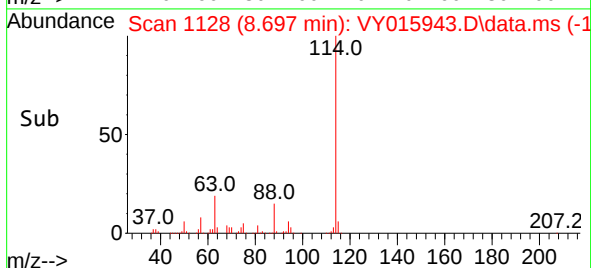
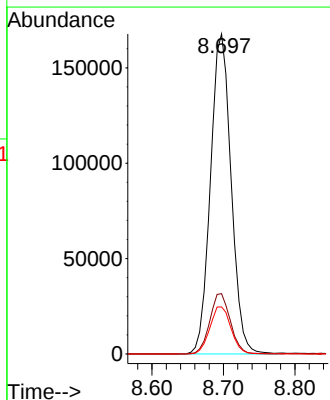
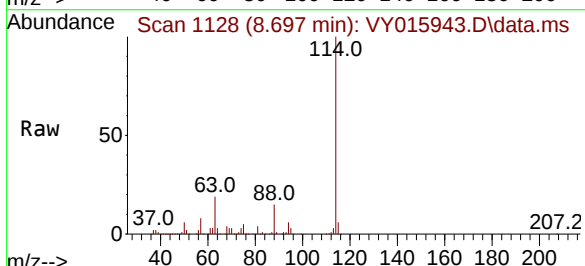
Tgt Ion:114 Resp: 336473

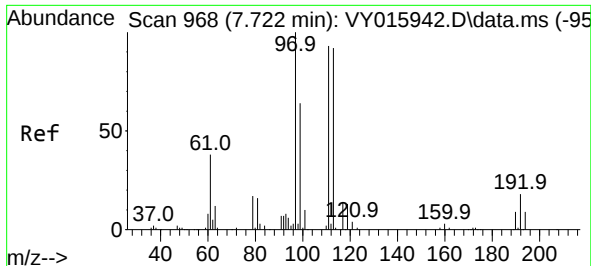
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

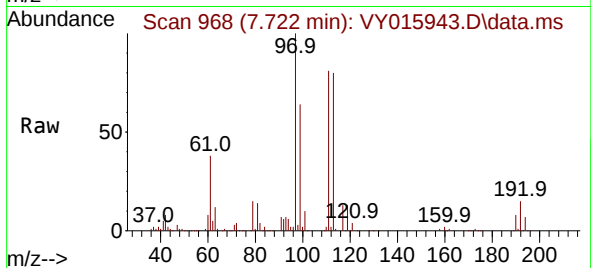
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 104.429 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

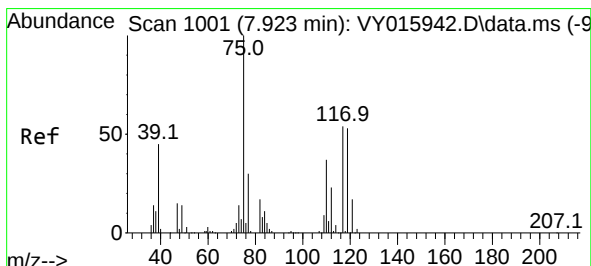
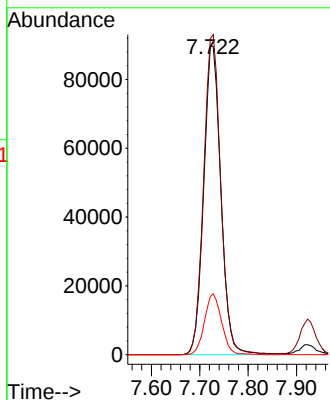
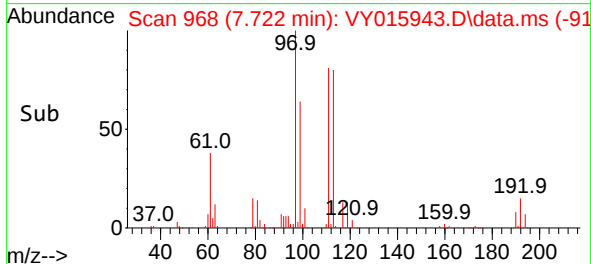
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



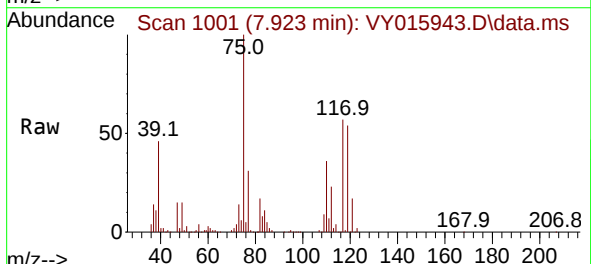
Tgt Ion:113 Resp: 22121
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.6 16.9 25.3

Manual Integrations
APPROVED

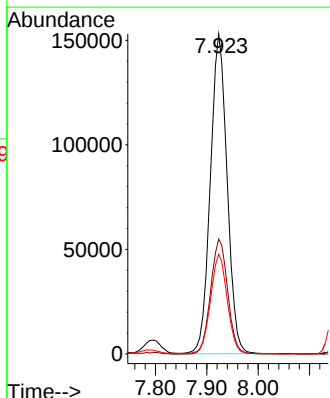
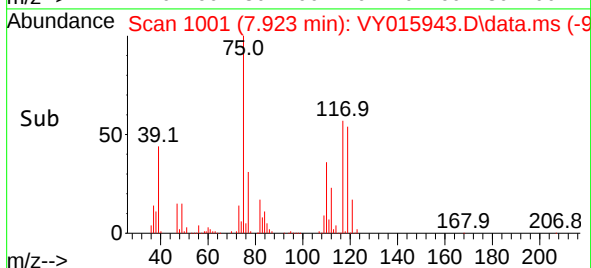
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

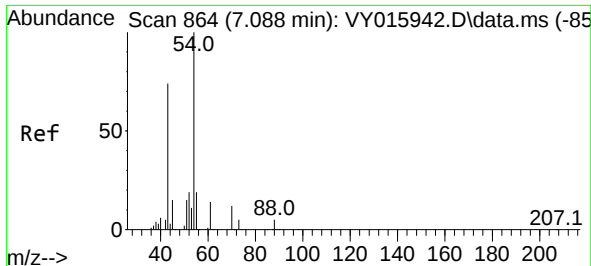


#36
1,1-Dichloropropene
Concen: 108.209 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07



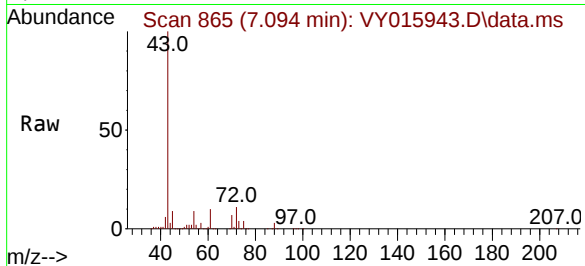
Tgt Ion: 75 Resp: 345859
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 142.094 ug/l m
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

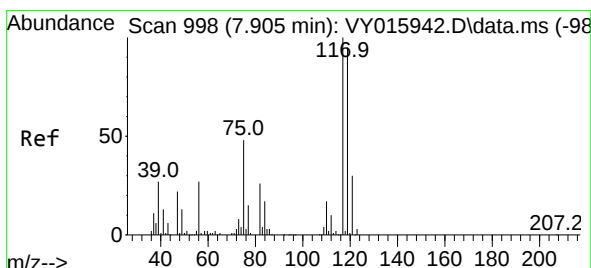
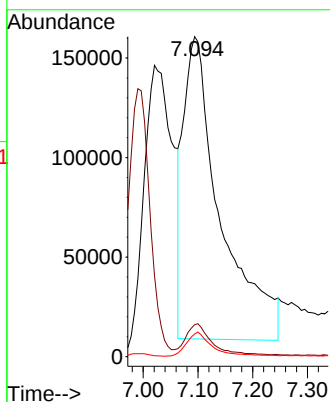
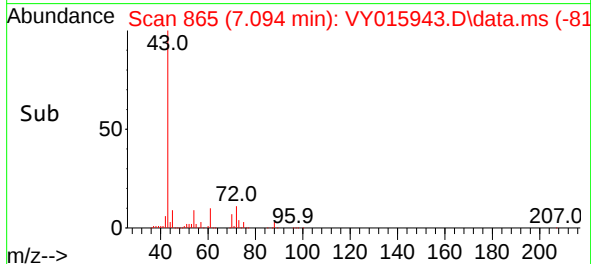
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 712600
Ion Ratio Lower Upper
43 100
61 7.3 10.1 15.1
70 5.6 7.1 10.7

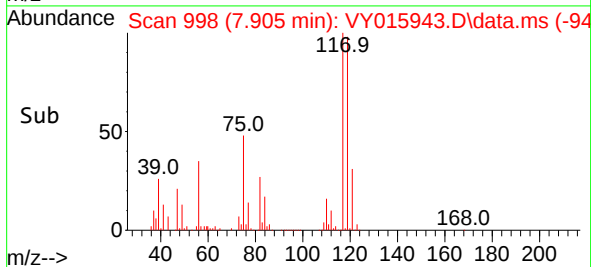
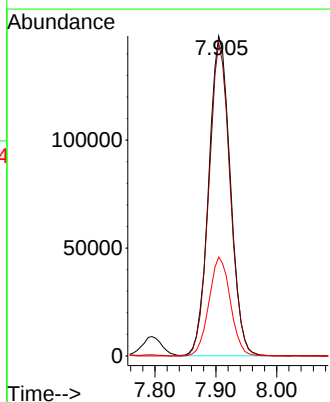
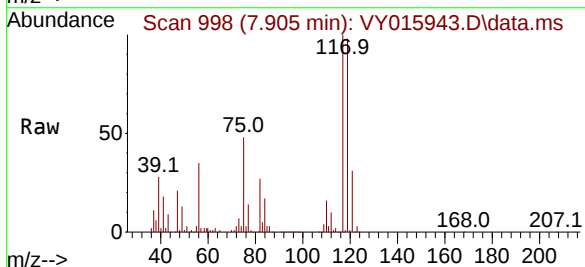
Manual Integrations
APPROVED

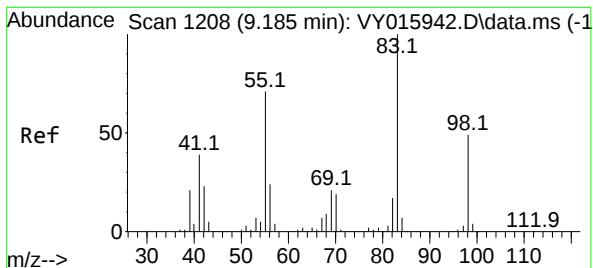
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#38
Carbon Tetrachloride
Concen: 108.119 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:117 Resp: 363932
Ion Ratio Lower Upper
117 100
119 97.9 76.4 114.6
121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 109.369 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

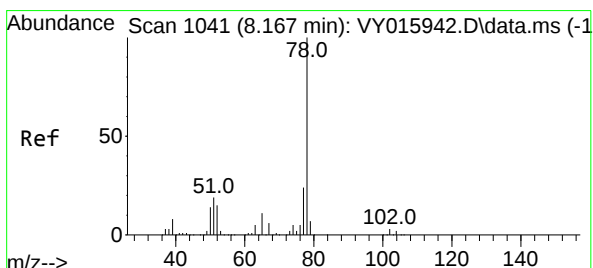
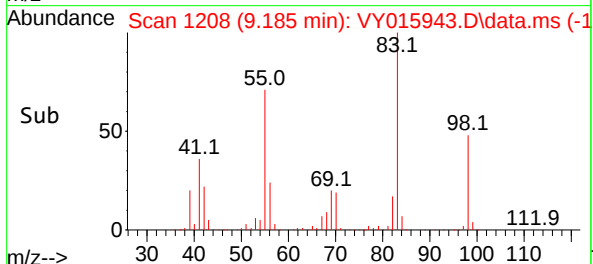
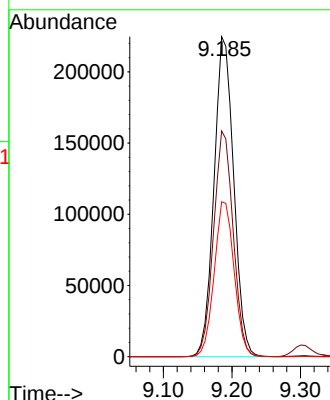
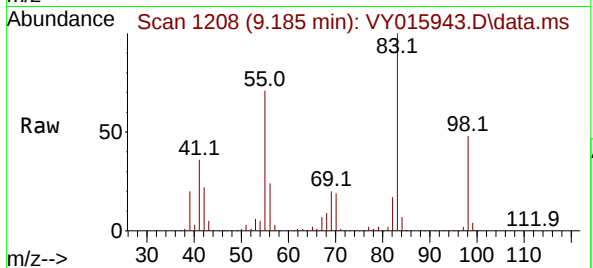
VSTDICC100

Tgt Ion: 83 Resp: 448494
 Ion Ratio Lower Upper
 83 100
 55 70.5 63.0 94.4
 98 48.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#40

Benzene

Concen: 106.668 ug/l

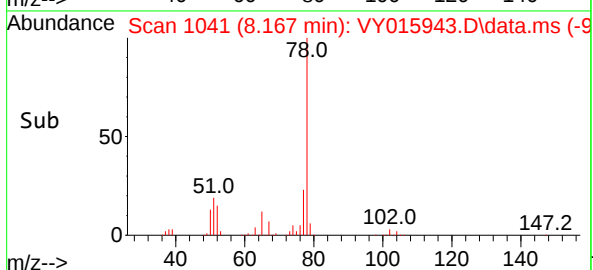
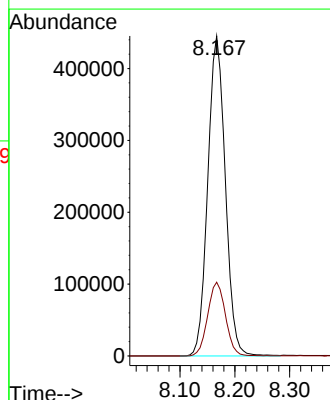
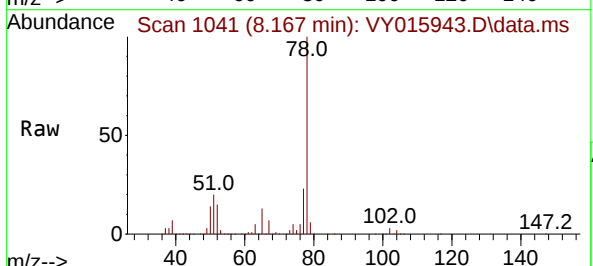
RT: 8.167 min Scan# 1041

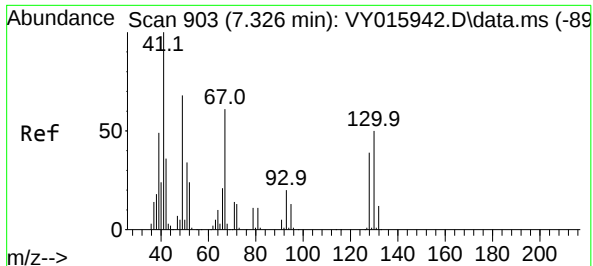
Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Tgt Ion: 78 Resp: 986445
 Ion Ratio Lower Upper
 78 100
 77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 86.629 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

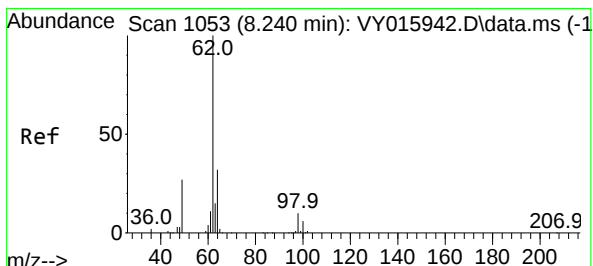
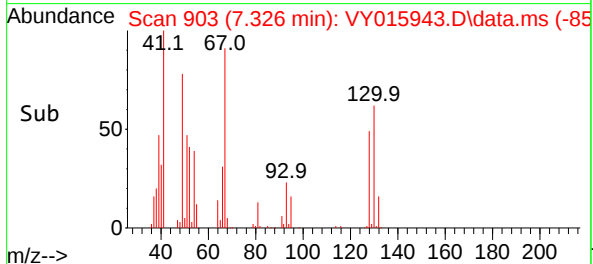
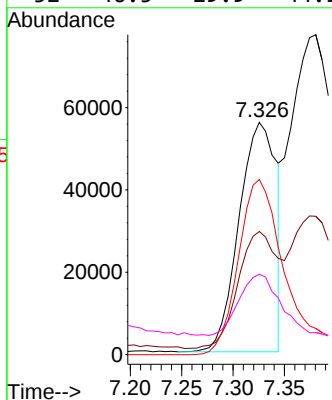
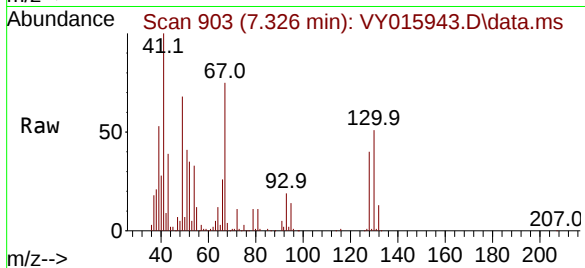
VSTDICC100

Tgt Ion: 41 Resp: 140608
Ion Ratio Lower Upper
41 100
39 56.5 52.1 78.1
67 102.7 66.2 99.2
52 46.5 29.9 44.9

Manual Integrations

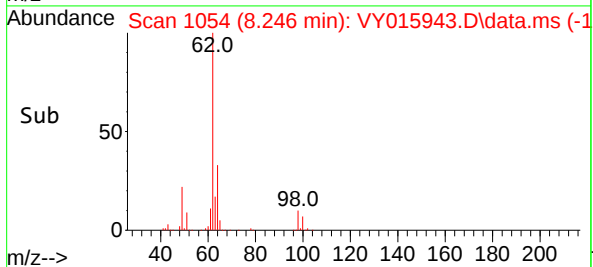
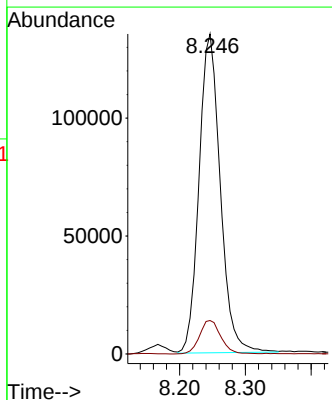
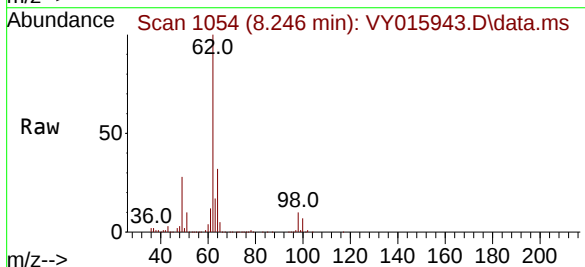
APPROVED

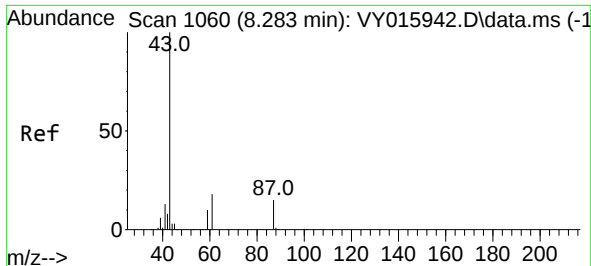
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#42
1,2-Dichloroethane
Concen: 102.516 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

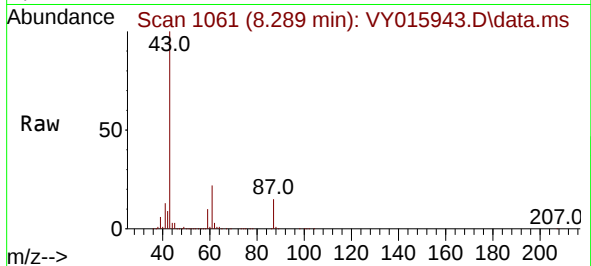
Tgt Ion: 62 Resp: 304203
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 107.777 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

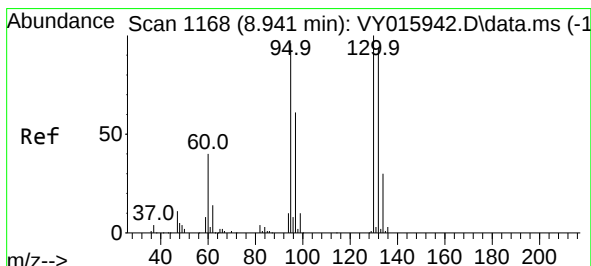
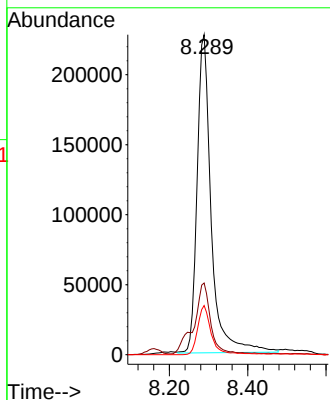
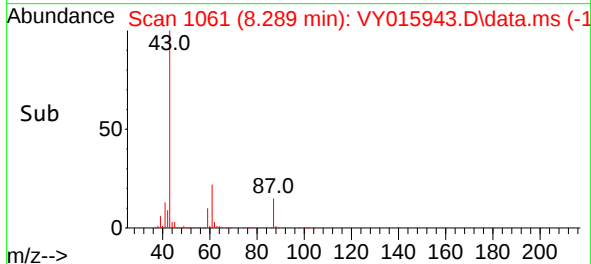
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 569970
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 14.9 9.8 14.8

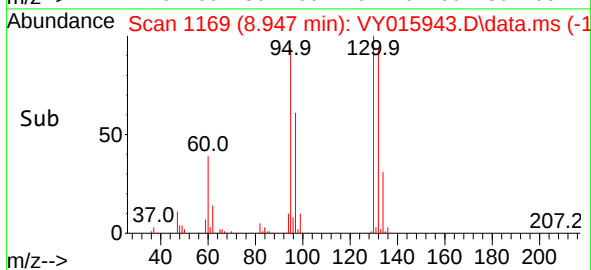
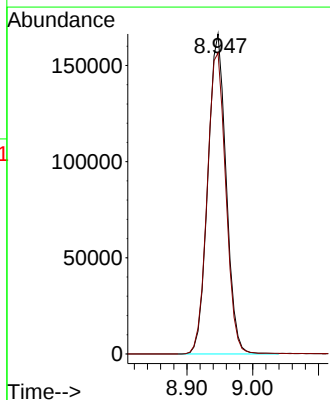
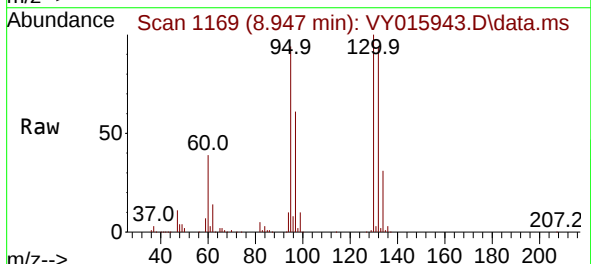
Manual Integrations
APPROVED

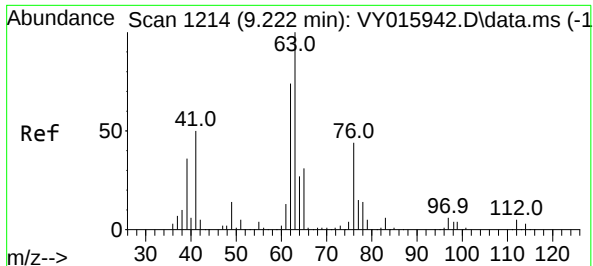
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#44
Trichloroethene
Concen: 112.746 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:130 Resp: 321314
Ion Ratio Lower Upper
130 100
95 94.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 106.138 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 250462

Ion Ratio Lower Upper

63 100

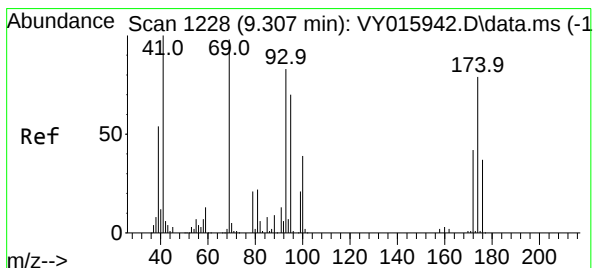
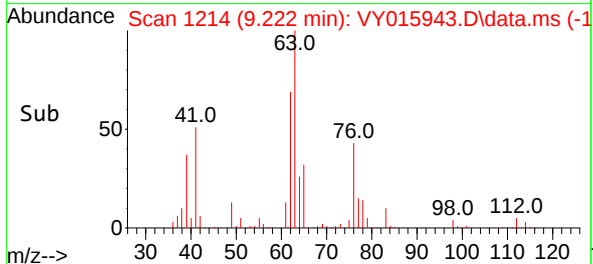
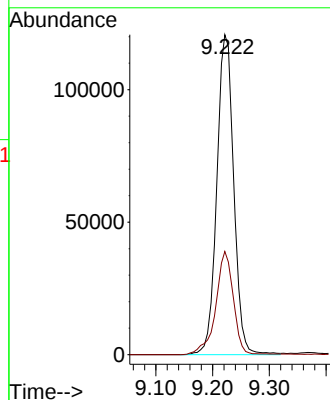
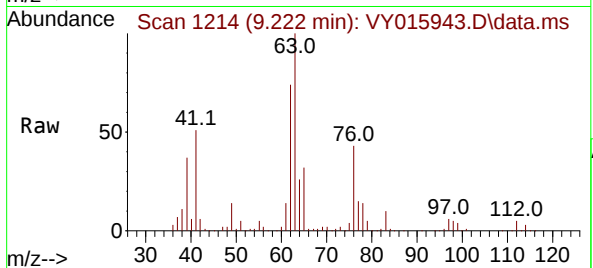
65 32.2 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#46

Dibromomethane

Concen: 103.484 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

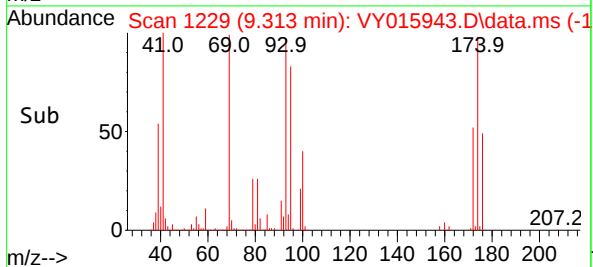
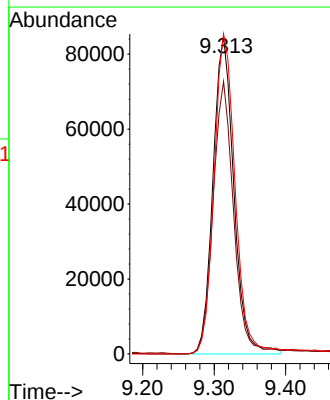
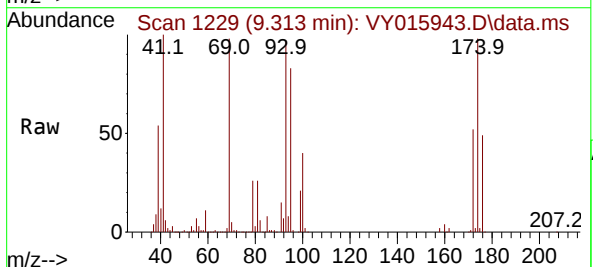
Tgt Ion: 93 Resp: 171648

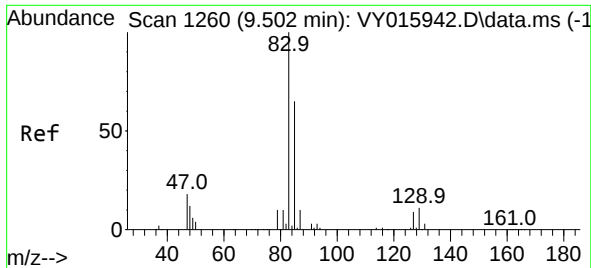
Ion Ratio Lower Upper

93 100

95 87.2 66.6 100.0

174 104.0 84.8 127.2





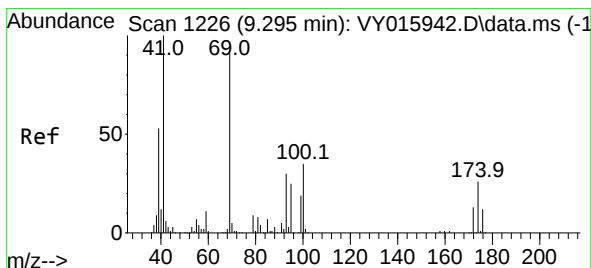
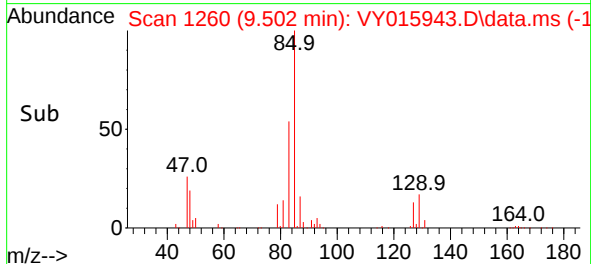
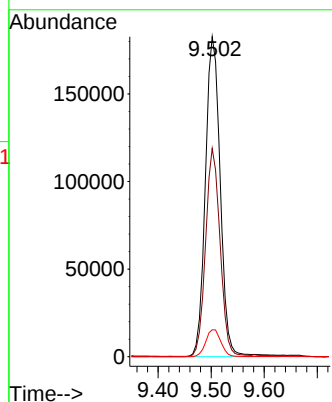
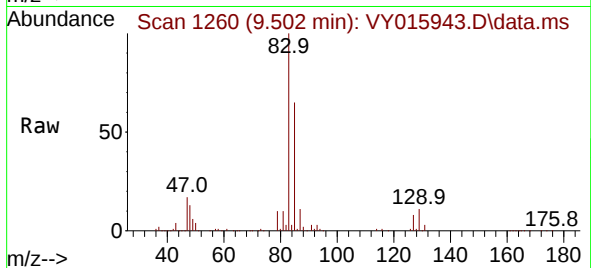
#47
Bromodichloromethane
Concen: 106.483 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 356659
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 8.4 7.1 10.7

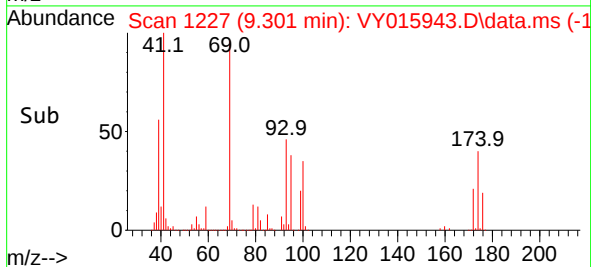
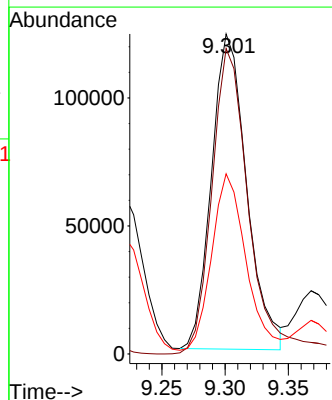
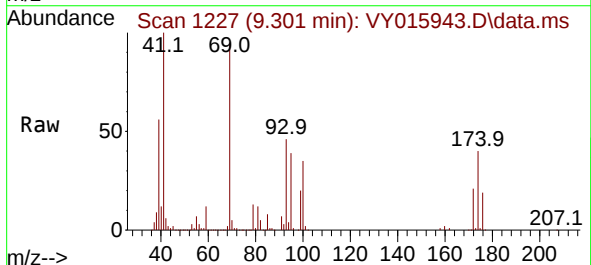
Manual Integrations
APPROVED

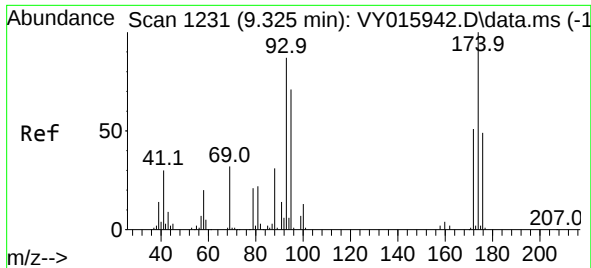
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#48
Methyl methacrylate
Concen: 101.746 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

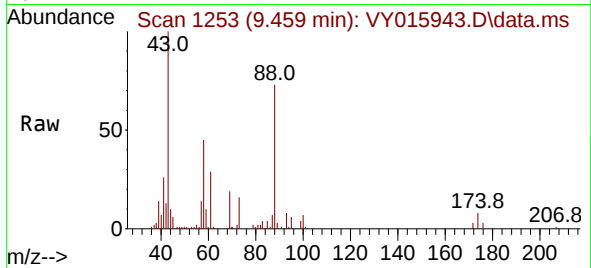
Tgt Ion: 41 Resp: 238106
Ion Ratio Lower Upper
41 100
69 106.0 64.5 96.7#
39 54.5 50.8 76.2





#49
1,4-Dioxane
Concen: 1308.087 ug/l m
RT: 9.459 min Scan# 1253
Delta R.T. 0.134 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

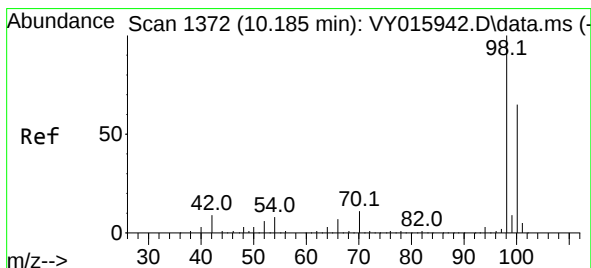
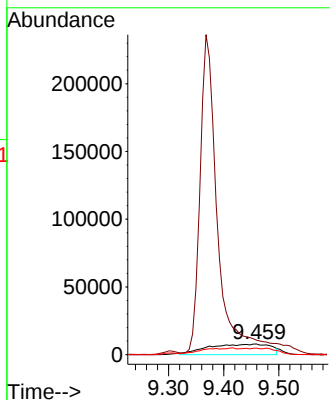
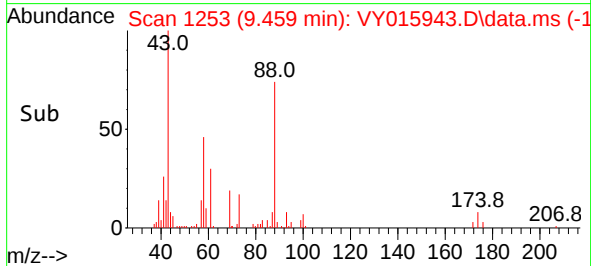
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 6169
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 15.4 30.9 46.3

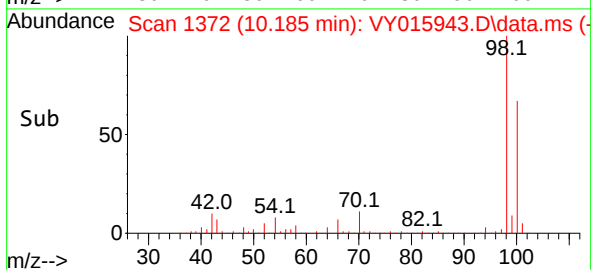
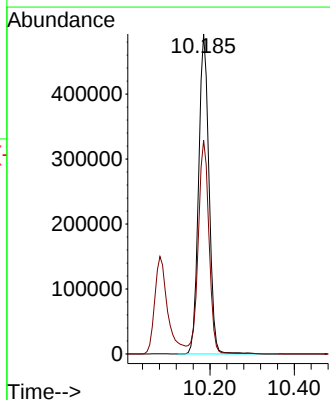
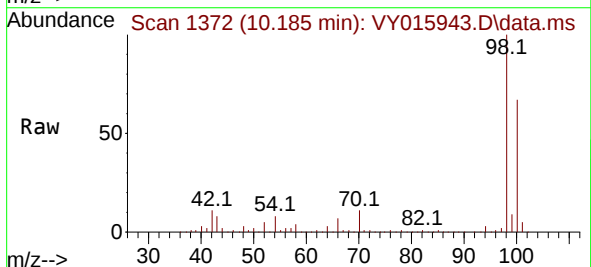
Manual Integrations
APPROVED

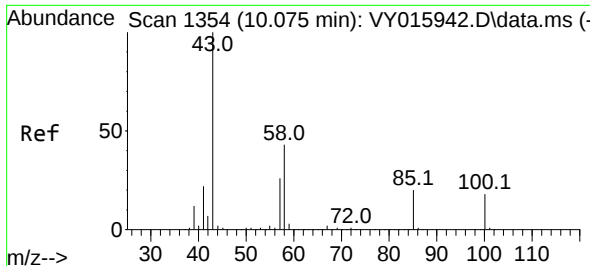
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#50
Toluene-d8
Concen: 106.508 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 98 Resp: 844905
Ion Ratio Lower Upper
98 100
100 69.3 50.1 75.1





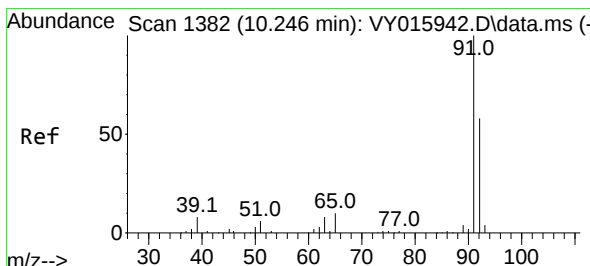
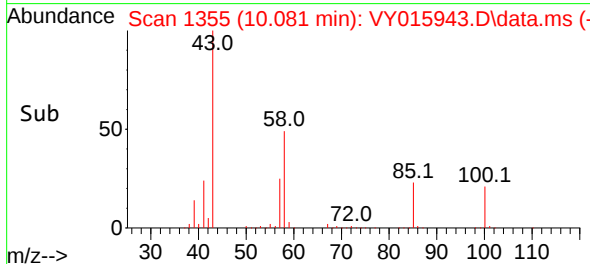
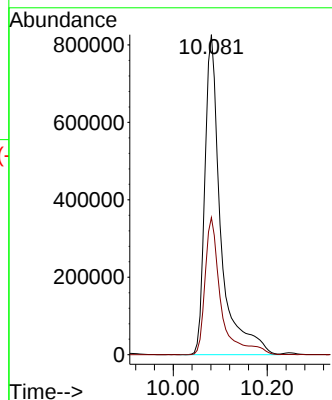
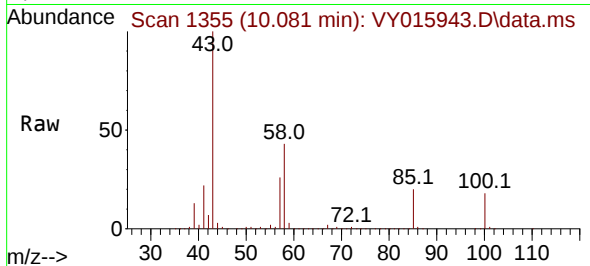
#51
4-Methyl-2-Pentanone
Concen: 496.720 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1939449
Ion Ratio Lower Upper
43 100
58 42.8 29.0 43.6

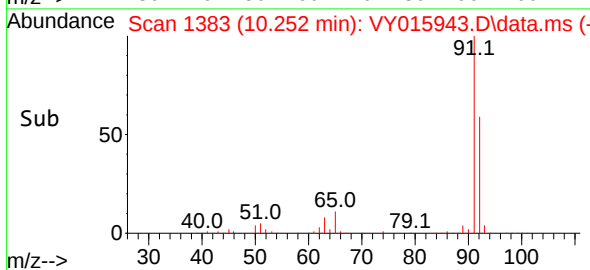
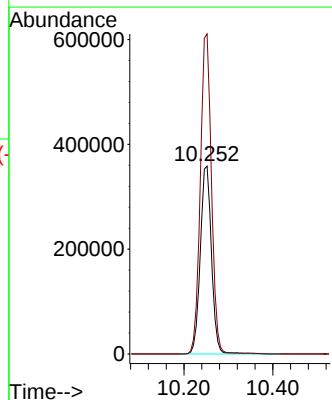
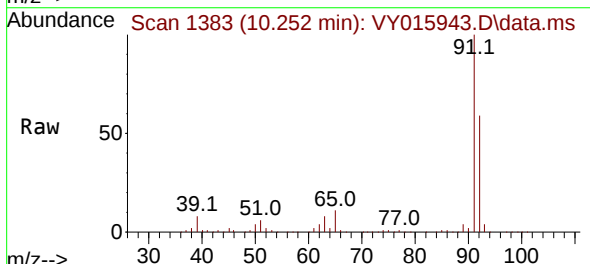
Manual Integrations
APPROVED

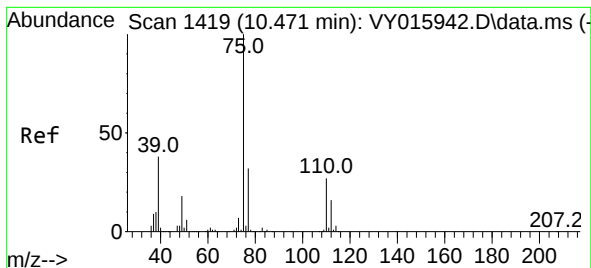
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#52
Toluene
Concen: 106.024 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 92 Resp: 626884
Ion Ratio Lower Upper
92 100
91 170.6 143.8 215.6





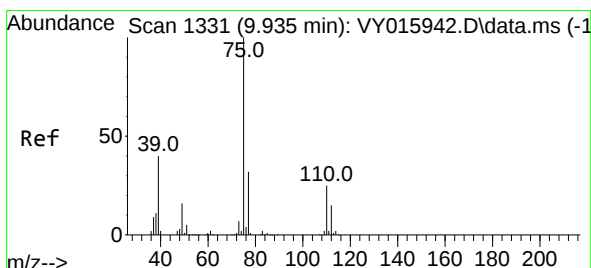
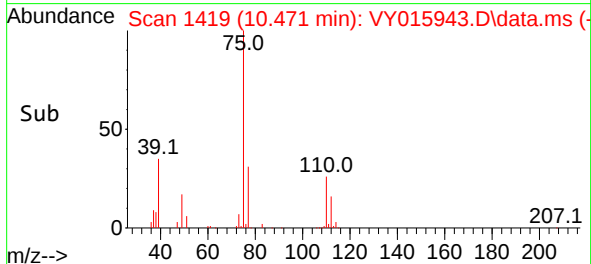
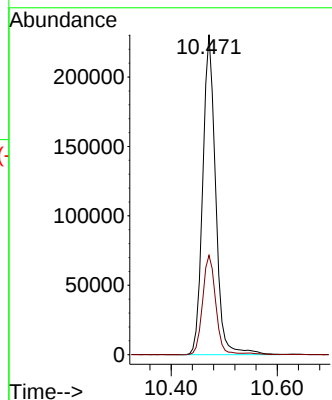
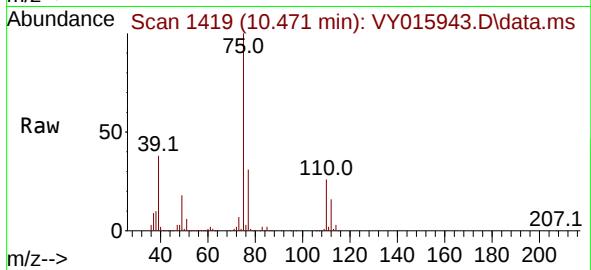
#53
t-1,3-Dichloropropene
Concen: 103.886 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 390149
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4

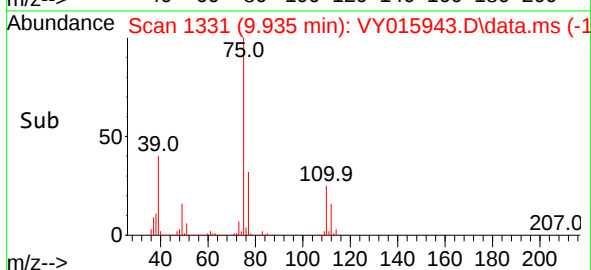
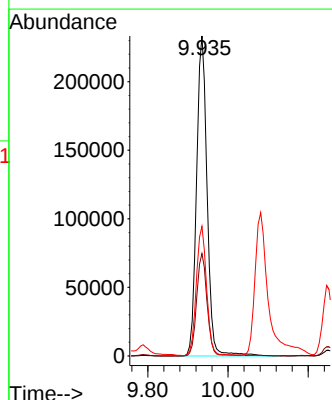
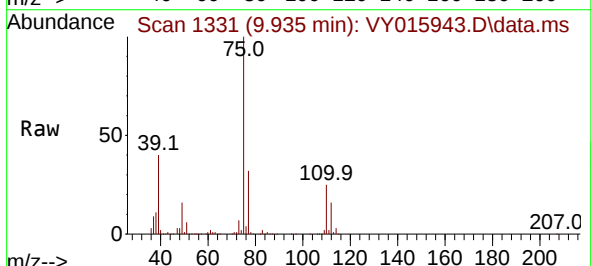
Manual Integrations
APPROVED

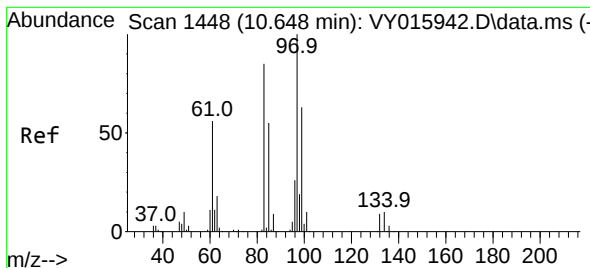
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#54
cis-1,3-Dichloropropene
Concen: 105.390 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

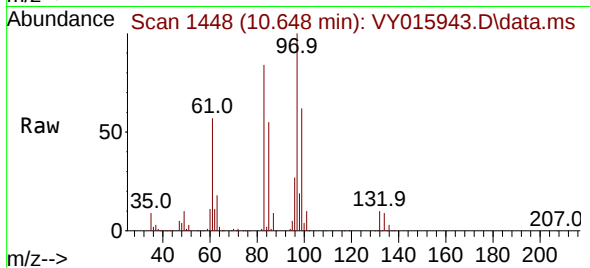
Tgt Ion: 75 Resp: 425466
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 40.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 99.976 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

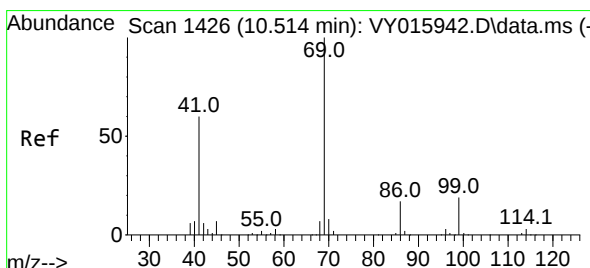
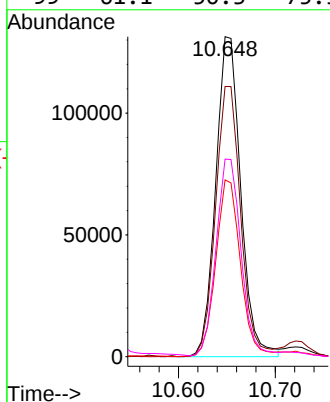
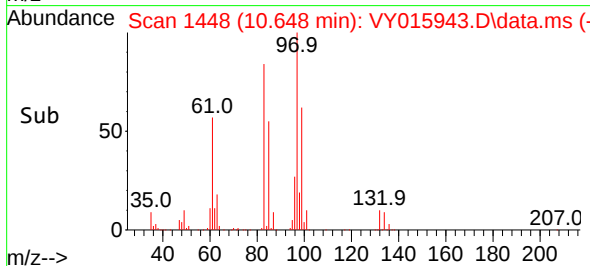
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



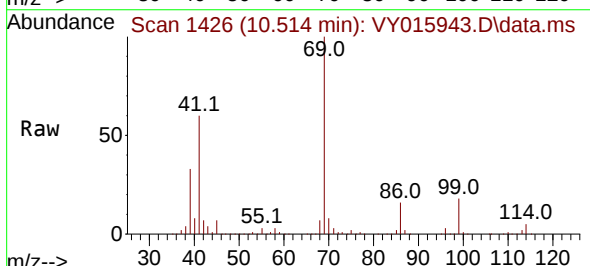
Tgt Ion: 97 Resp: 23610
Ion Ratio Lower Upper
97 100
83 84.4 72.0 108.0
85 55.2 45.4 68.0
99 61.1 50.3 75.5

Manual Integrations
APPROVED

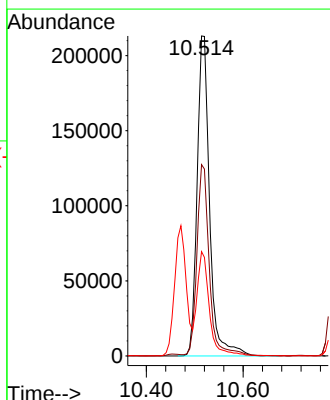
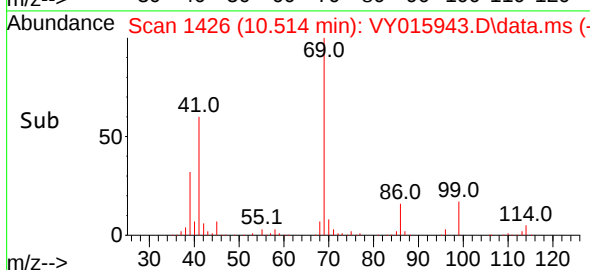
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

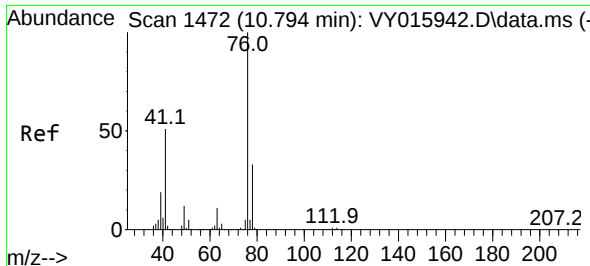


#56
Ethyl methacrylate
Concen: 103.138 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07



Tgt Ion: 69 Resp: 381303
Ion Ratio Lower Upper
69 100
41 59.2 57.6 86.4
39 31.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 101.181 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 40536

Ion Ratio Lower Upper

76 100

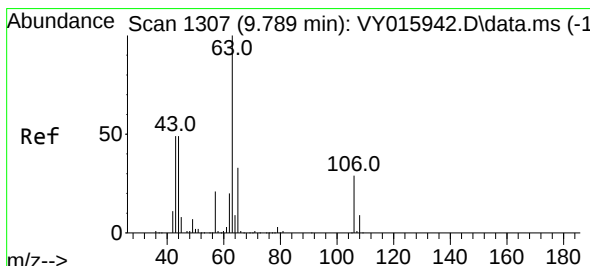
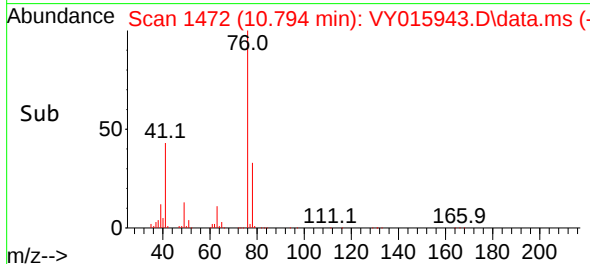
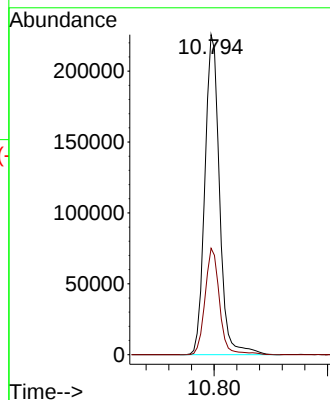
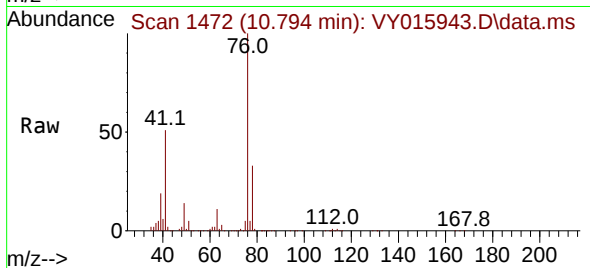
78 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 427.747 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY015943.D

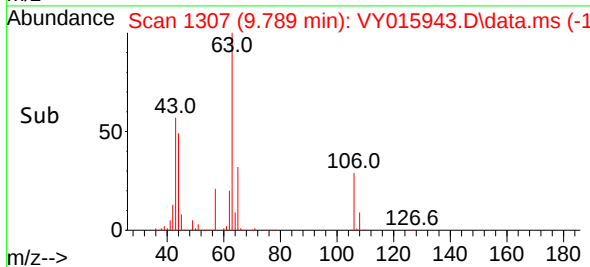
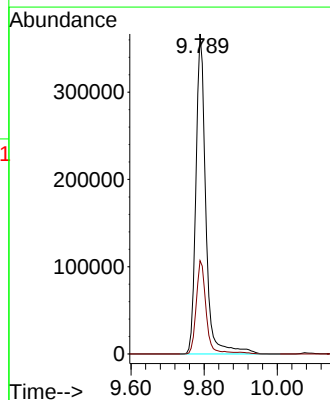
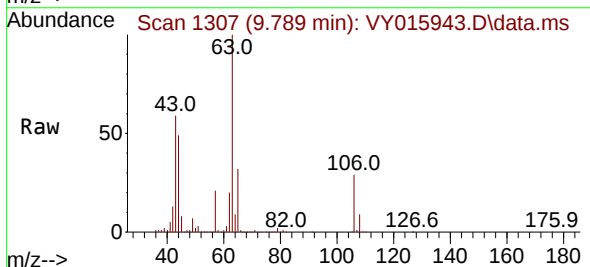
Acq: 12 Oct 2023 19:07

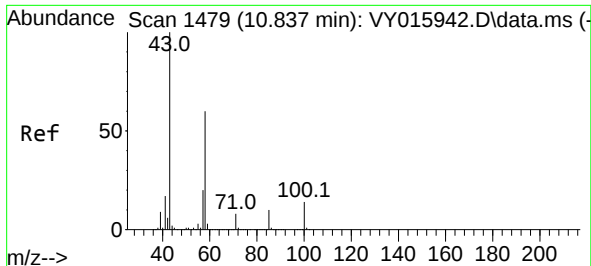
Tgt Ion: 63 Resp: 693939

Ion Ratio Lower Upper

63 100

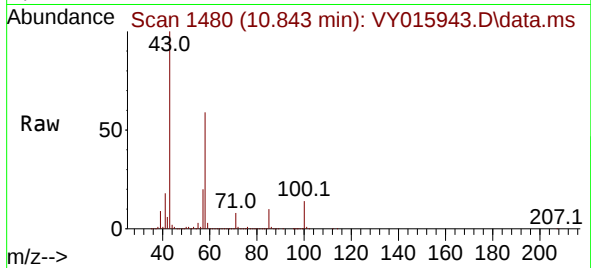
106 28.9 21.2 31.8





#59
2-Hexanone
Concen: 469.552 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

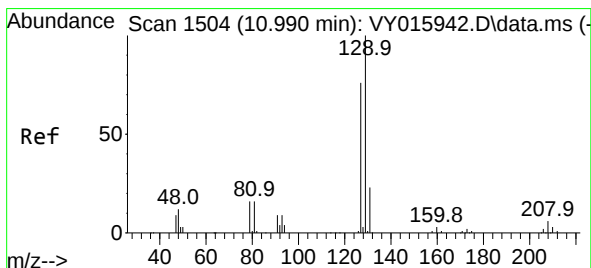
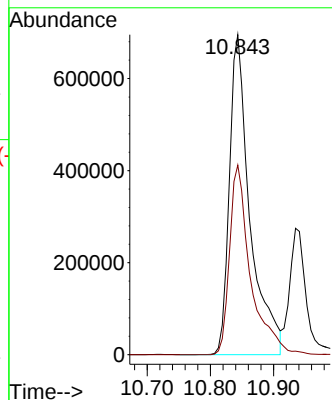
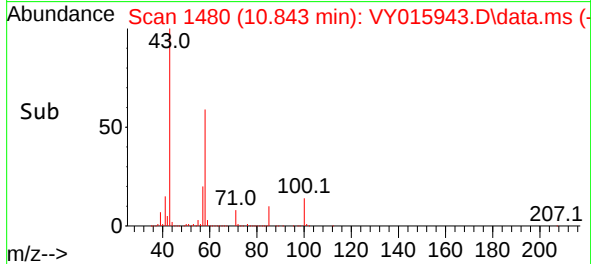
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 156498
Ion Ratio Lower Upper
43 100
58 60.7 25.1 75.3

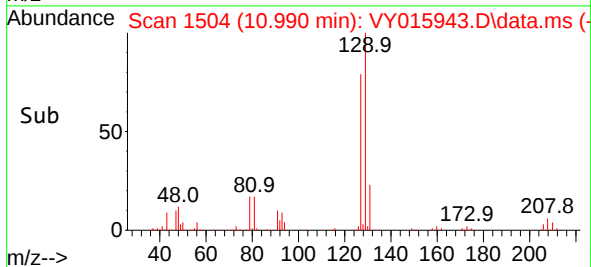
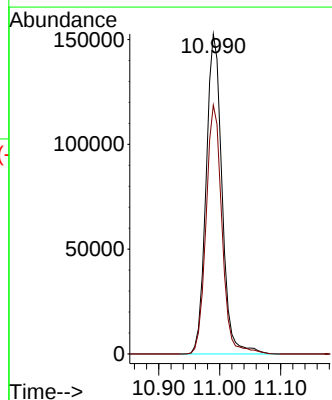
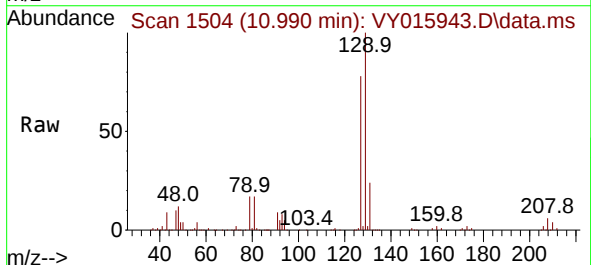
Manual Integrations
APPROVED

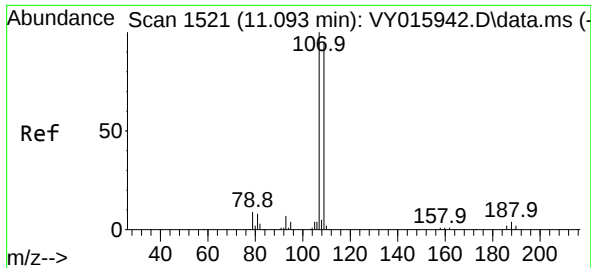
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#60
Dibromochloromethane
Concen: 102.944 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

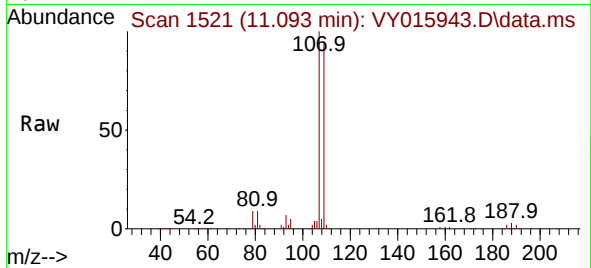
Tgt Ion:129 Resp: 276461
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 101.047 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

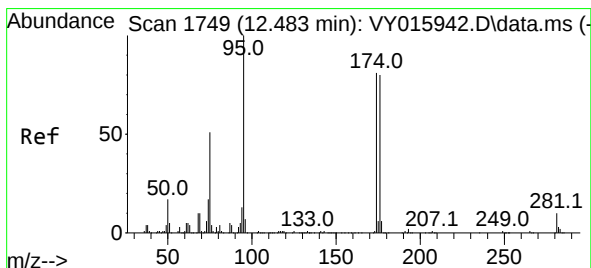
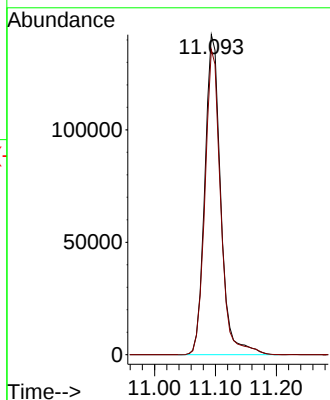
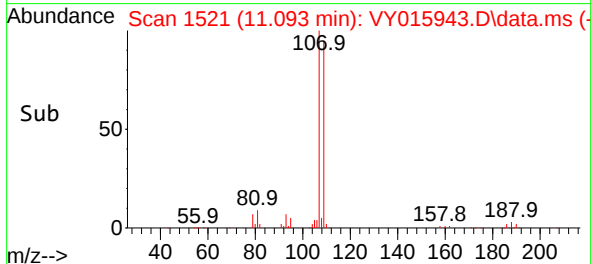
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



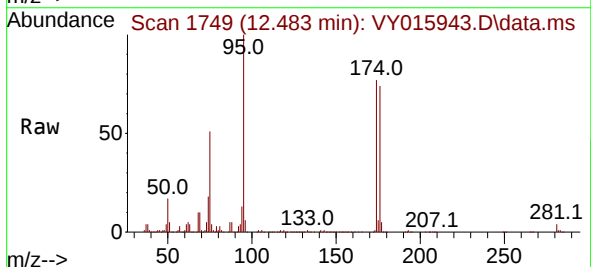
Tgt Ion:107 Resp: 258200
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

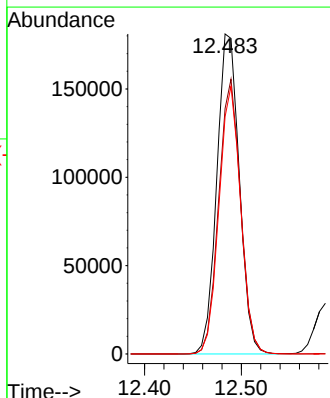
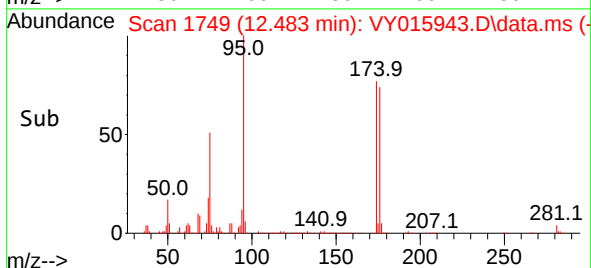
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023

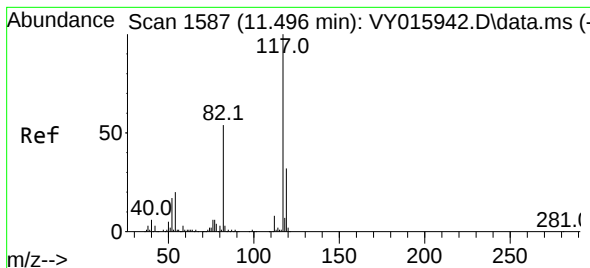


#62
4-Bromofluorobenzene
Concen: 103.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07



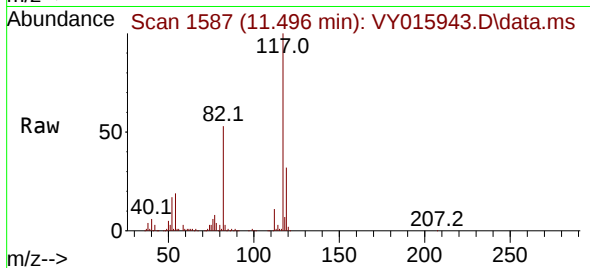
Tgt Ion: 95 Resp: 291889
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.7 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

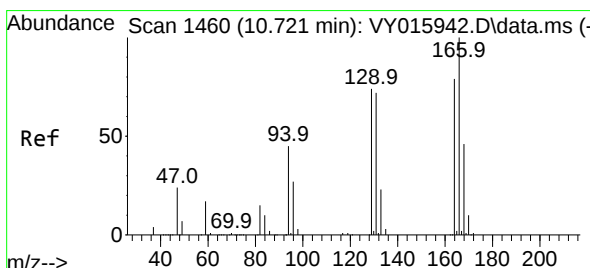
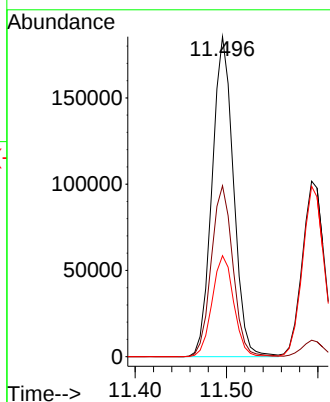
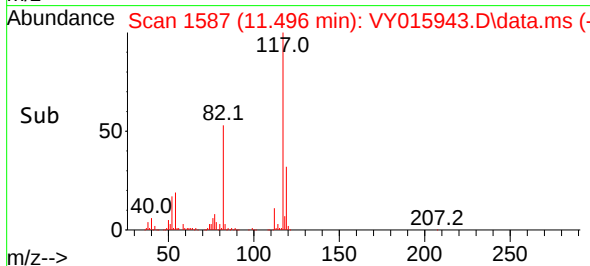
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 301749
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.6 26.3 39.5

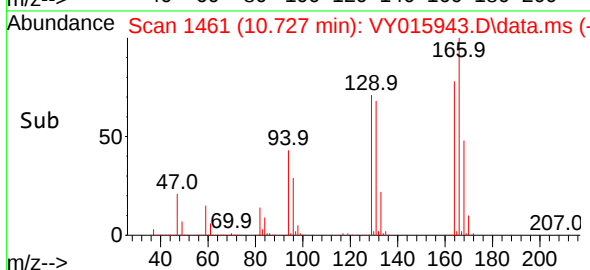
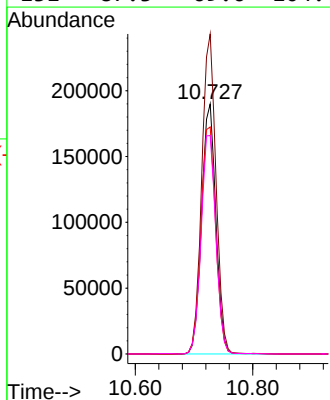
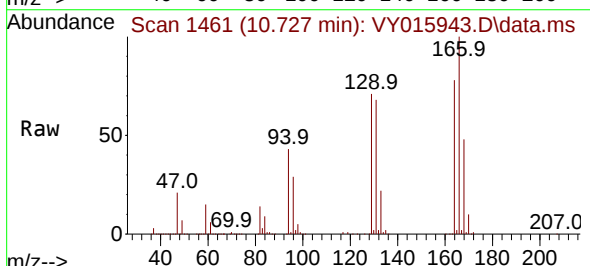
Manual Integrations
APPROVED

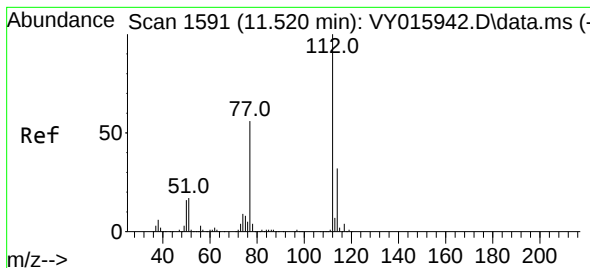
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#64
Tetrachloroethene
Concen: 121.732 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:164 Resp: 320211
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 90.8 77.2 115.8
131 87.3 69.6 104.4





#65

Chlorobenzene

Concen: 105.291 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:112 Resp: 665690

Ion Ratio Lower Upper

112 100

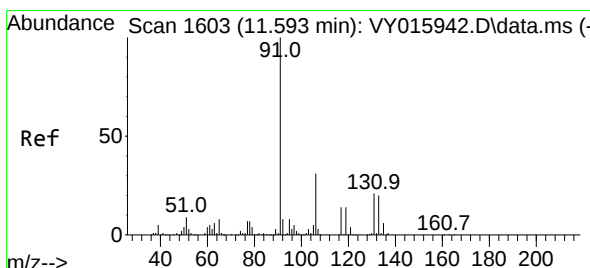
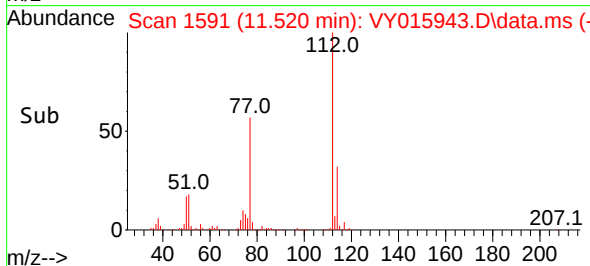
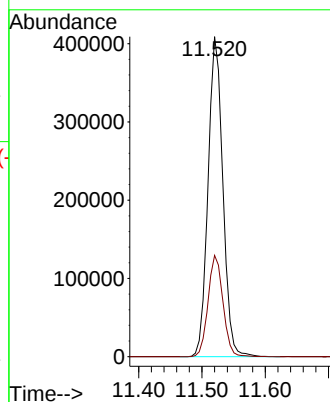
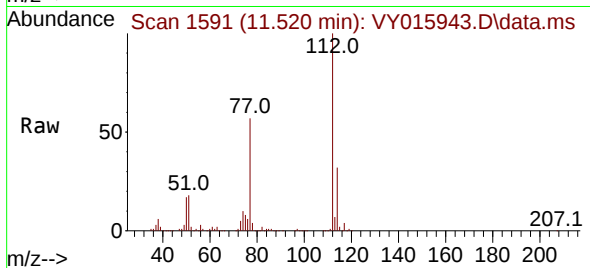
114 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 107.892 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

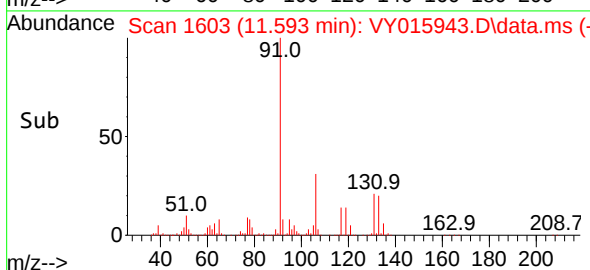
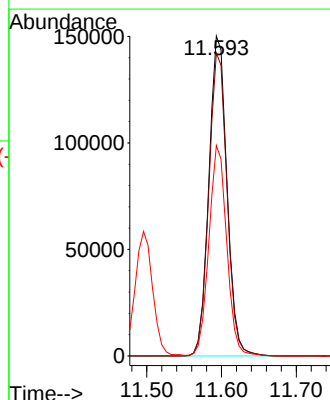
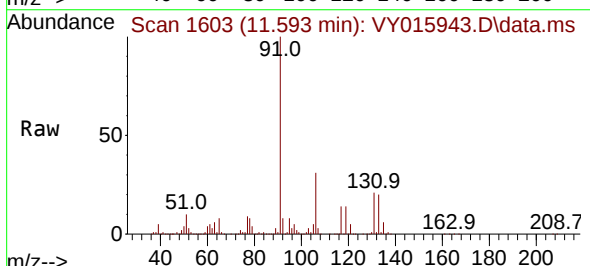
Tgt Ion:131 Resp: 252512

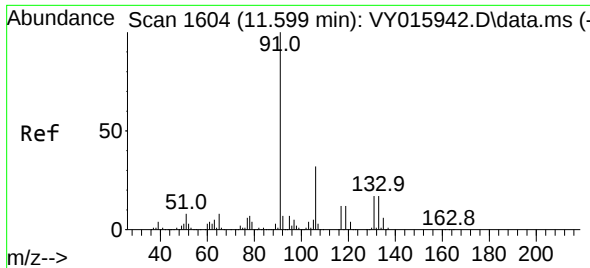
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 64.9 31.6 94.7





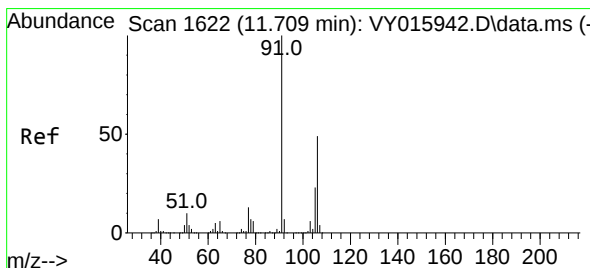
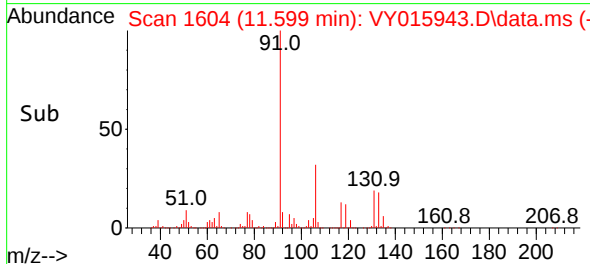
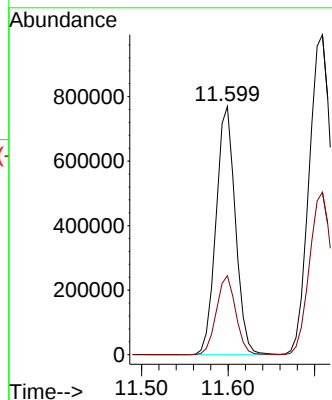
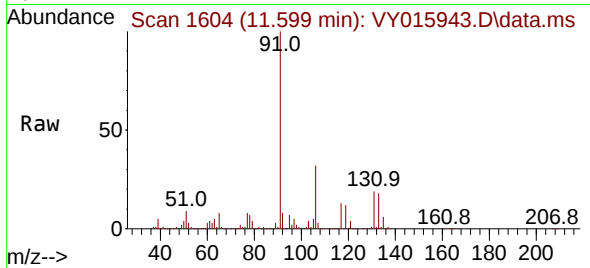
#67
Ethyl Benzene
Concen: 108.086 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1194892
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

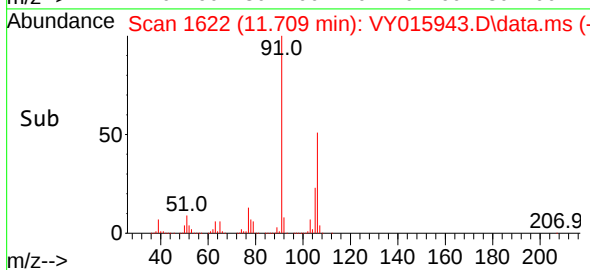
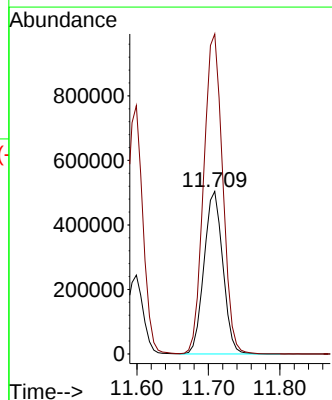
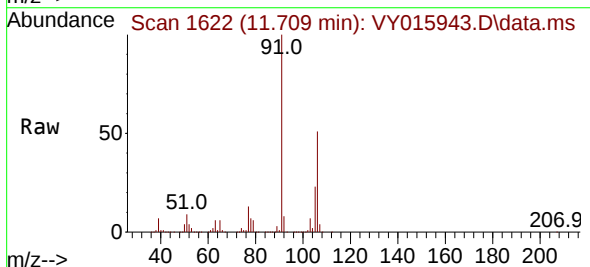
Manual Integrations
APPROVED

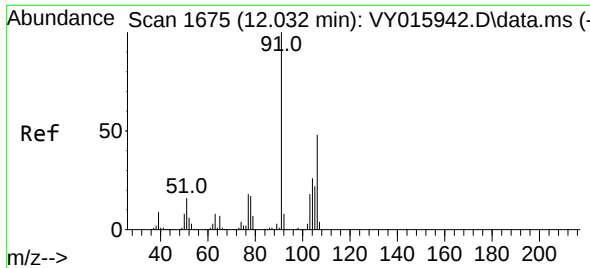
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#68
m/p-Xylenes
Concen: 215.296 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:106 Resp: 918532
Ion Ratio Lower Upper
106 100
91 198.9 166.1 249.1





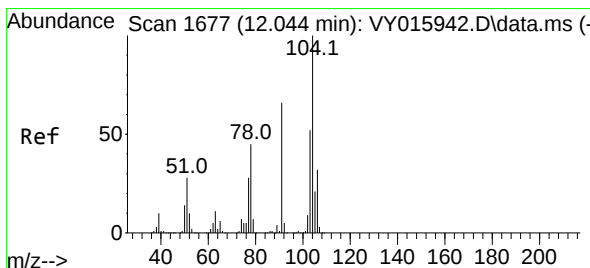
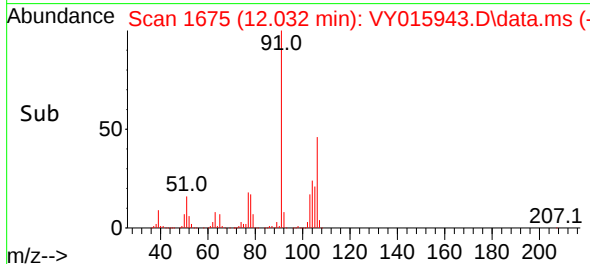
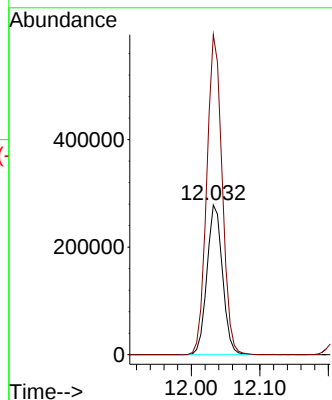
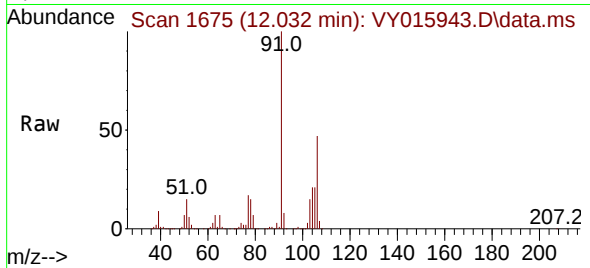
#69
o-Xylene
Concen: 107.749 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 43949
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.3

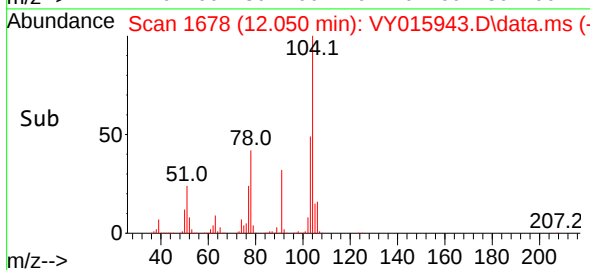
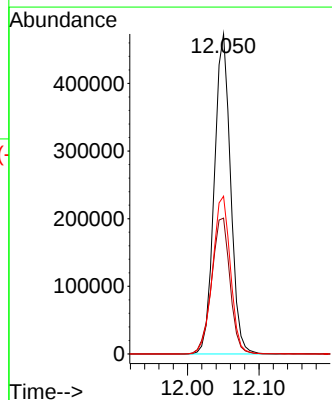
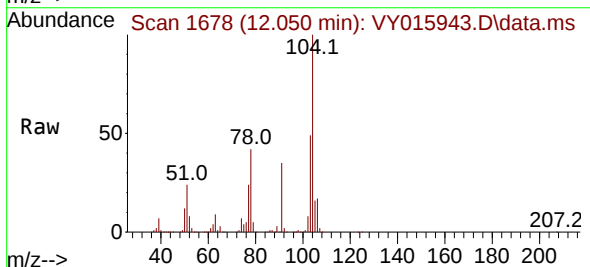
Manual Integrations
APPROVED

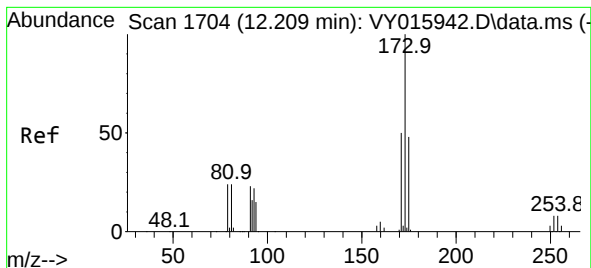
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#70
Styrene
Concen: 107.565 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:104 Resp: 746692
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 104.339 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 207954

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.8

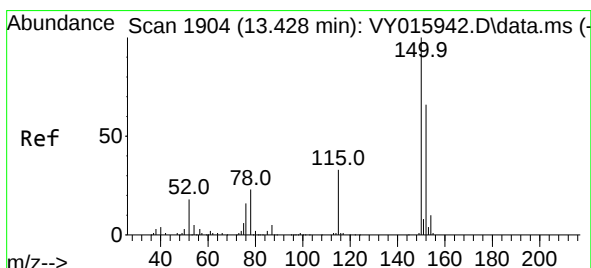
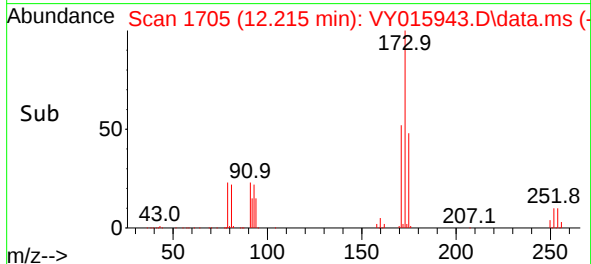
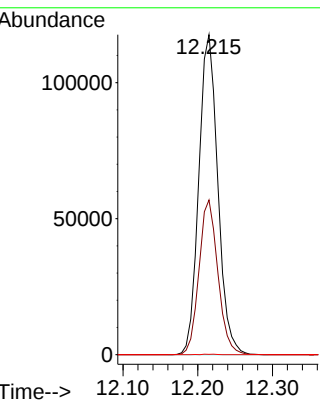
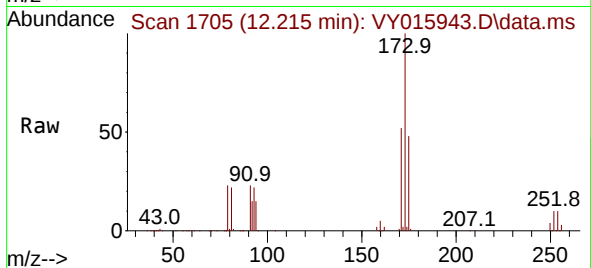
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

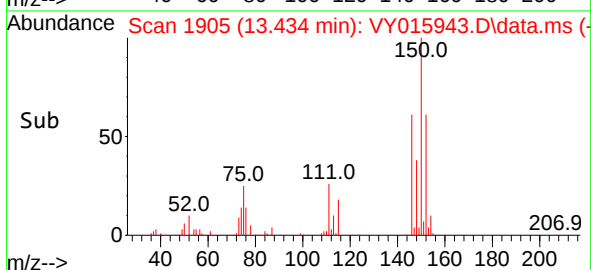
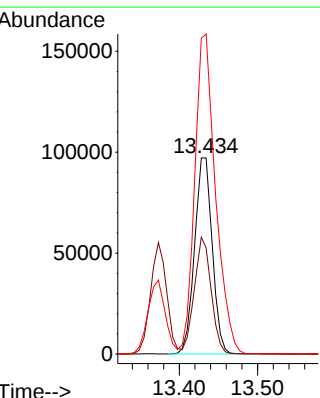
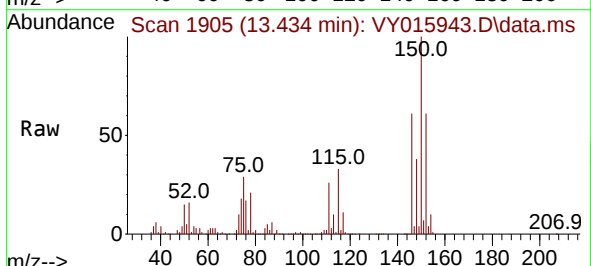
Tgt Ion:152 Resp: 152057

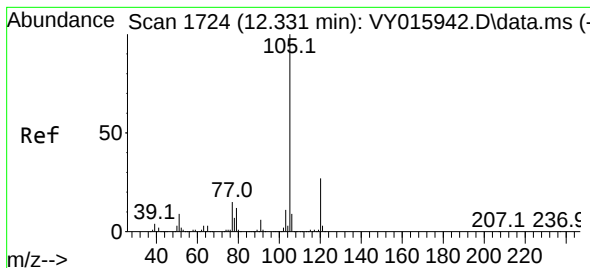
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 192.2 0.0 348.8





#73

Isopropylbenzene

Concen: 107.026 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 115206

Ion Ratio Lower Upper

105 100

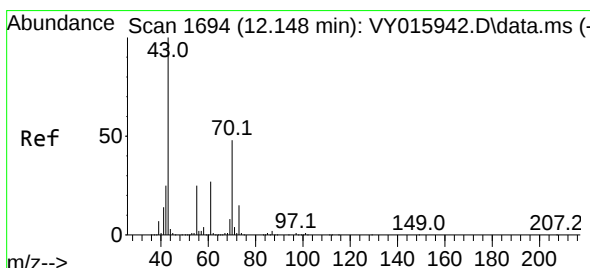
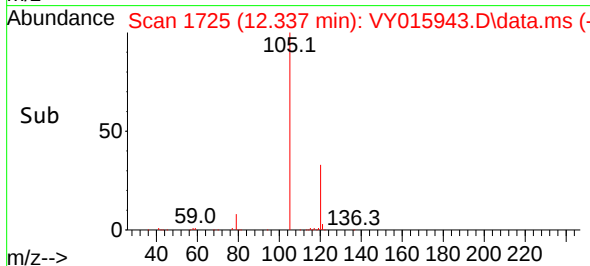
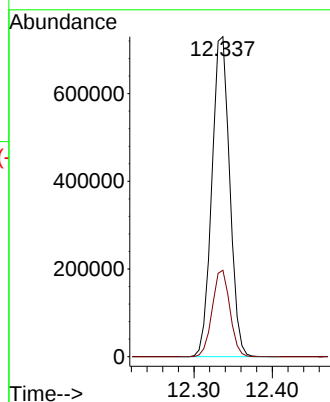
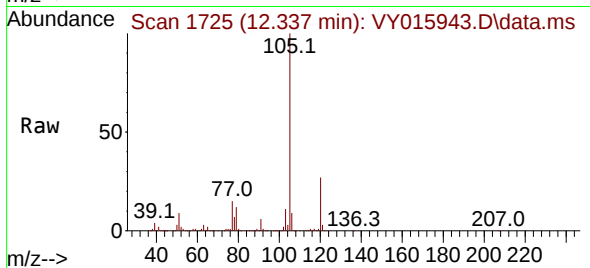
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#74

N-ethyl acetate

Concen: 101.272 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Tgt Ion: 43 Resp: 440401

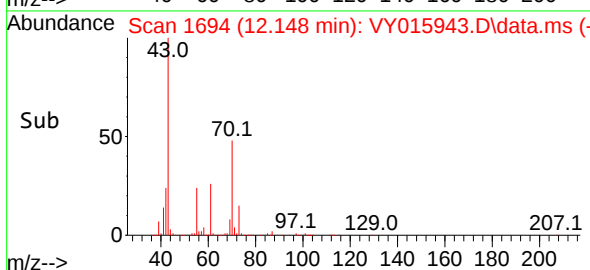
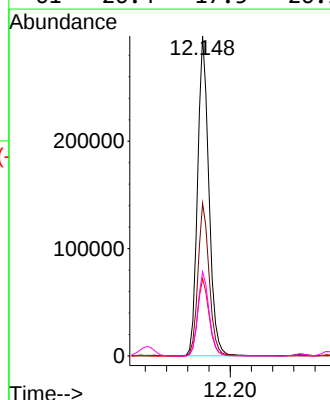
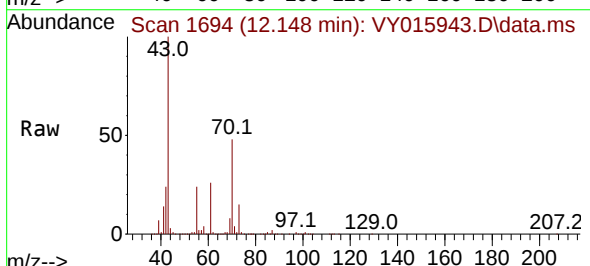
Ion Ratio Lower Upper

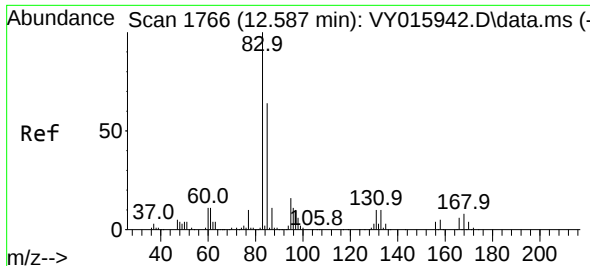
43 100

70 47.5 29.7 44.5#

55 24.6 18.3 27.5

61 26.4 17.5 26.3#





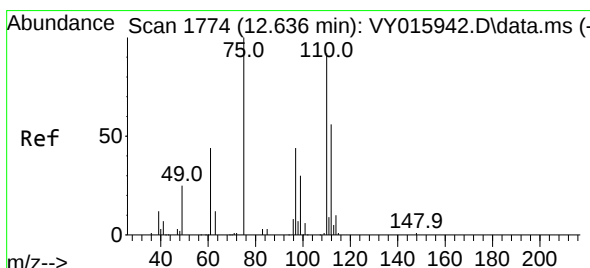
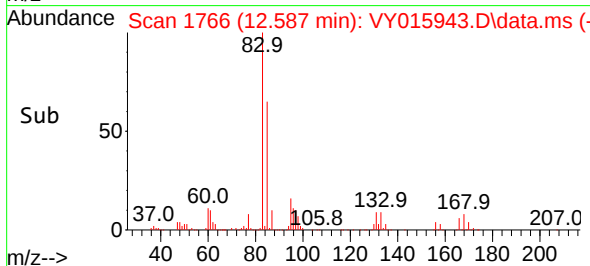
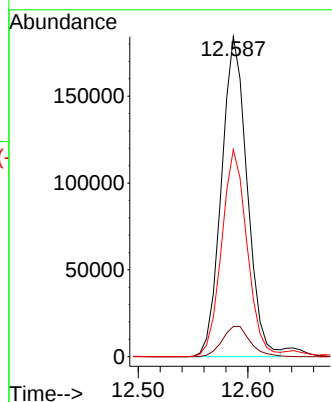
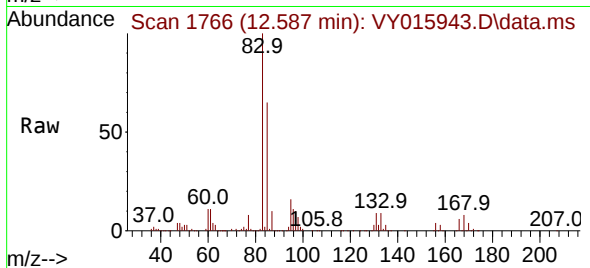
#75
1,1,2,2-Tetrachloroethane
Concen: 90.766 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 30010
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 64.2 31.8 95.4

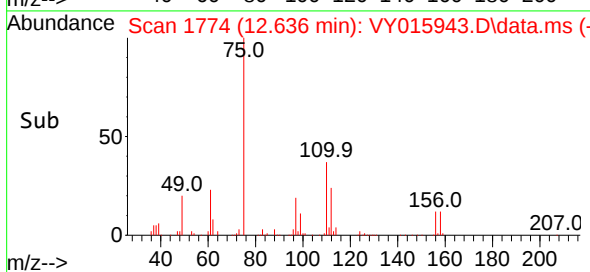
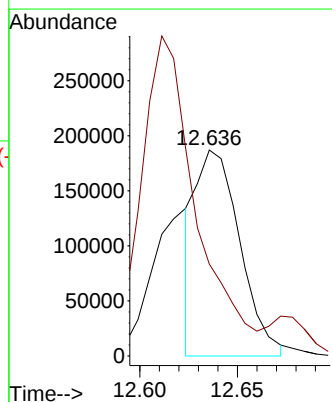
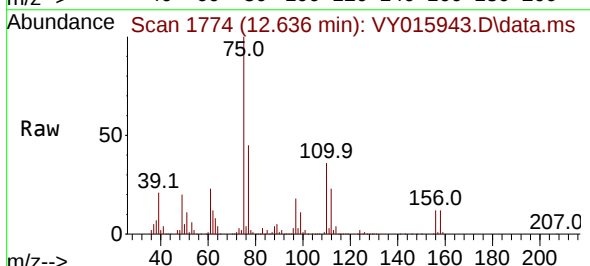
Manual Integrations
APPROVED

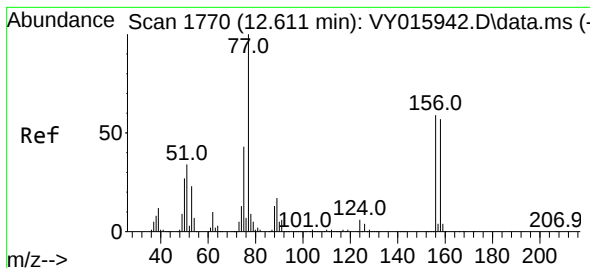
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 105.584 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 75 Resp: 294798
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.488 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

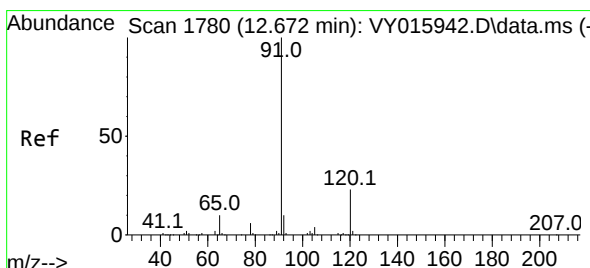
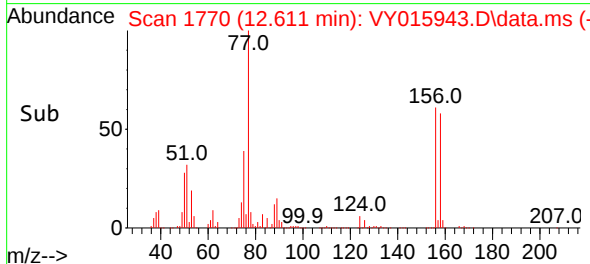
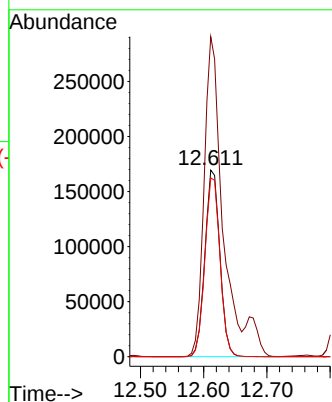
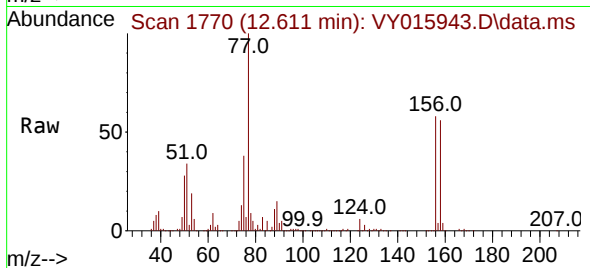
VSTDICC100

Tgt Ion:	156	Resp:	27965
Ion Ratio	Lower	Upper	
156	100		
77	202.6	92.8	278.6
158	96.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#78

n-propylbenzene

Concen: 106.280 ug/l

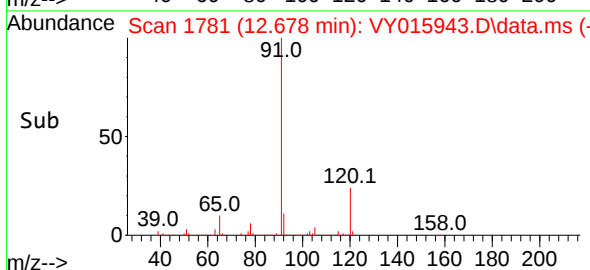
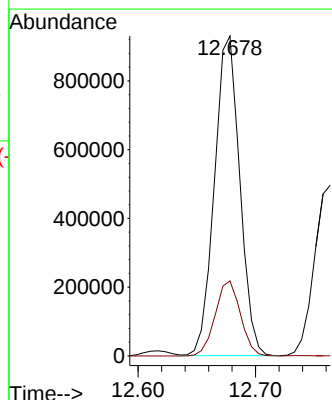
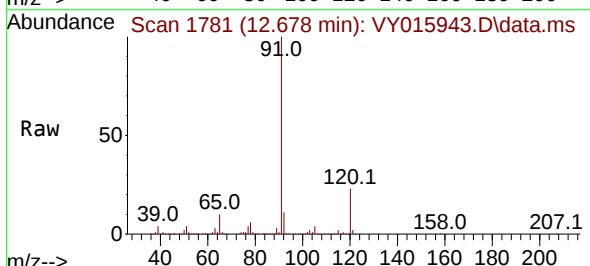
RT: 12.678 min Scan# 1781

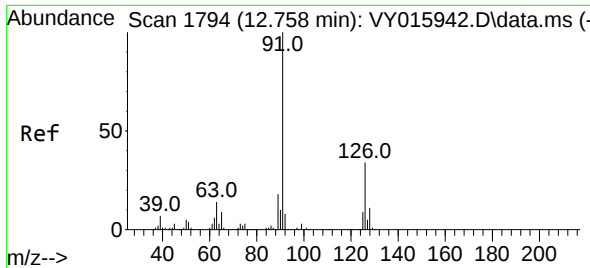
Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Tgt Ion:	91	Resp:	1391186
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





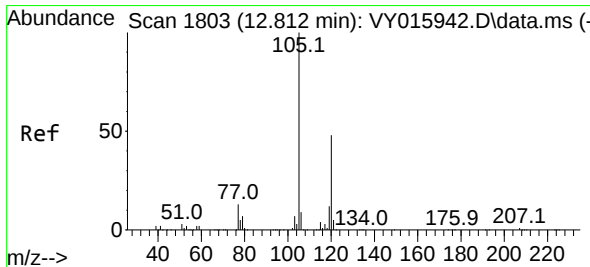
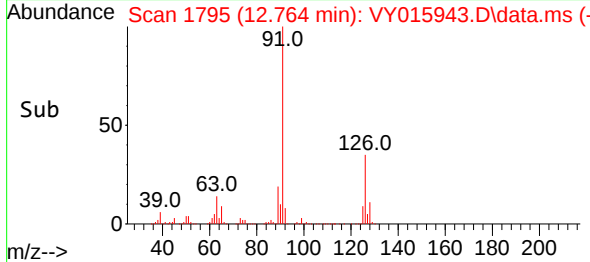
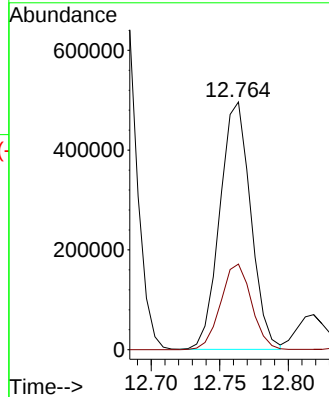
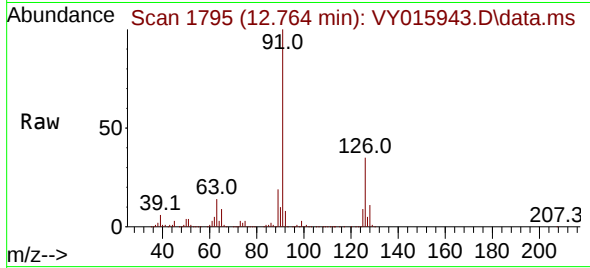
#79
2-Chlorotoluene
Concen: 105.341 ug/l
RT: 12.764 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 77991
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7

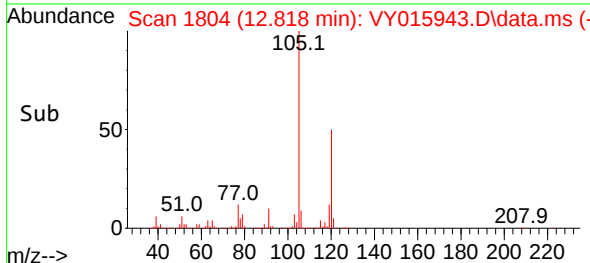
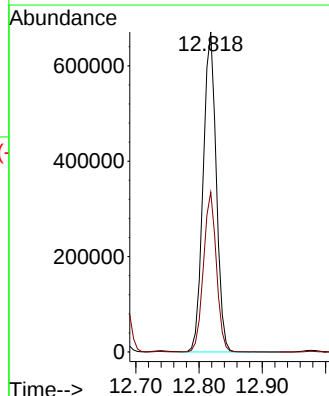
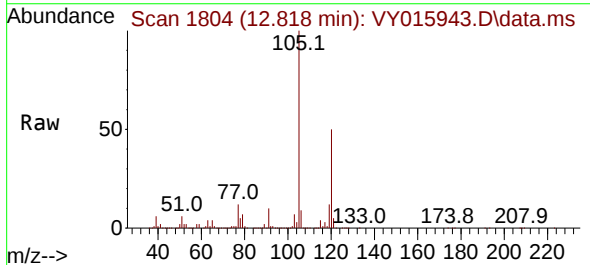
Manual Integrations
APPROVED

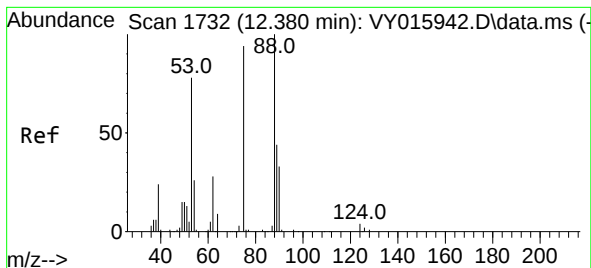
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 108.414 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

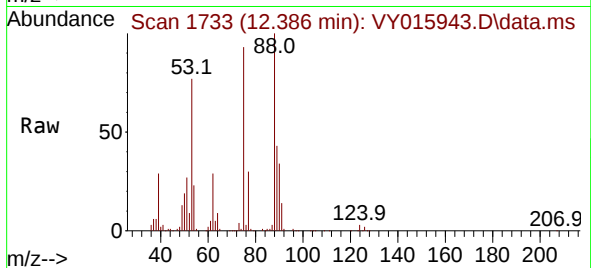
Tgt Ion:105 Resp: 969535
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 100.703 ug/l
RT: 12.386 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

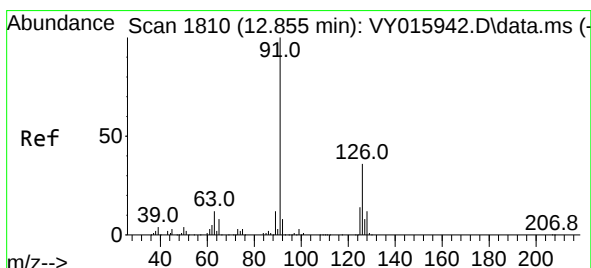
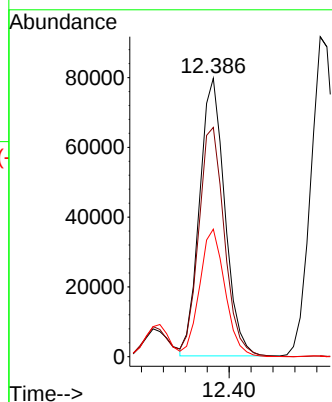
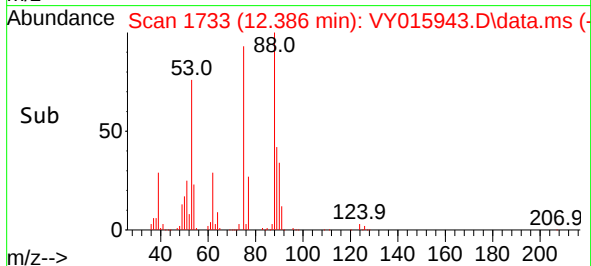
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 12721
Ion Ratio Lower Upper
75 100
53 84.5 77.8 116.8
89 46.4 37.4 56.0

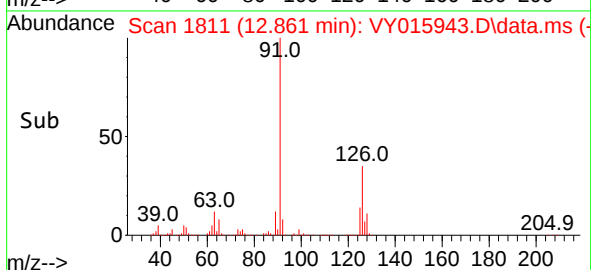
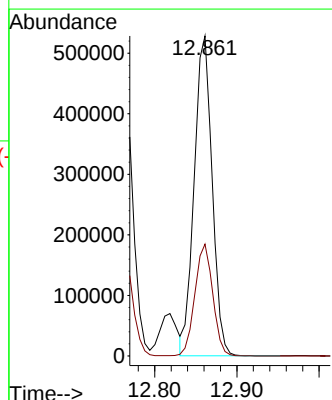
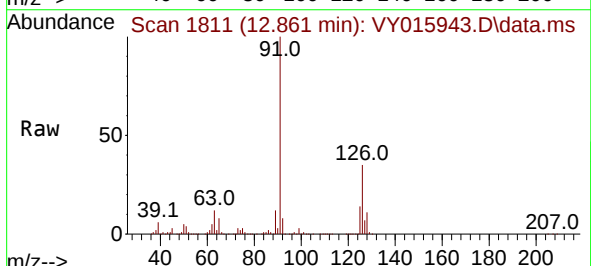
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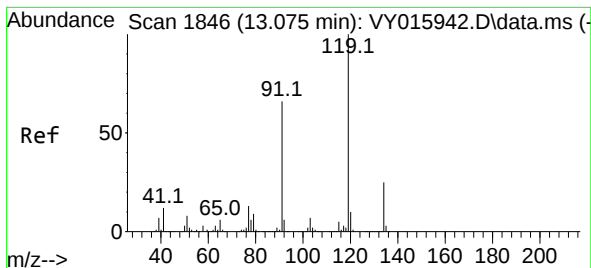
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#82
4-Chlorotoluene
Concen: 105.170 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 91 Resp: 800264
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 107.337 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 843489

Ion Ratio Lower Upper

119 100

91 64.0 32.9 98.6

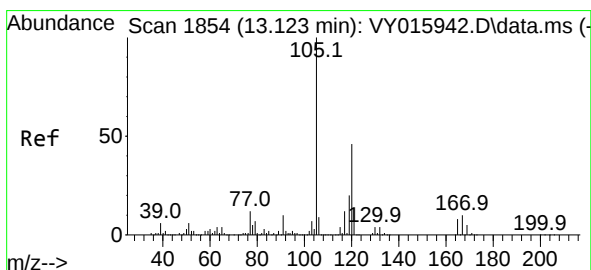
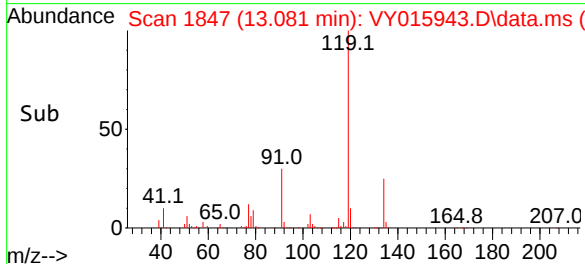
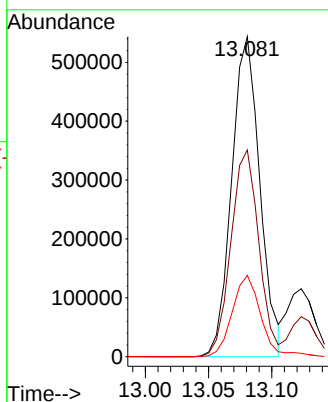
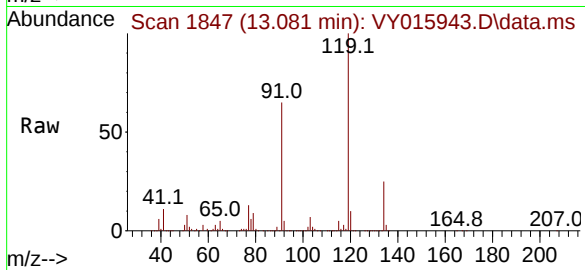
134 25.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 107.001 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY015943.D

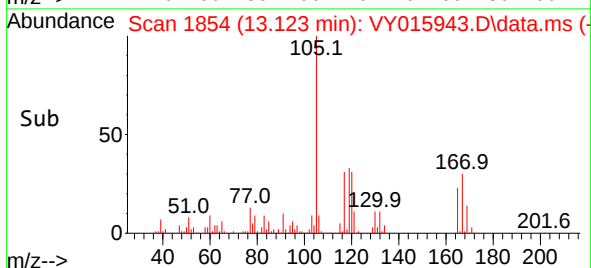
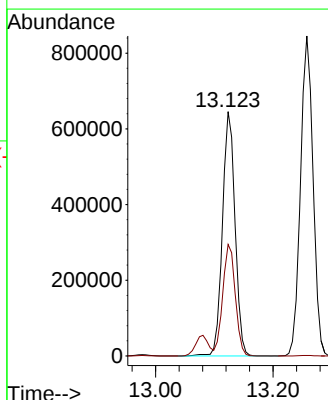
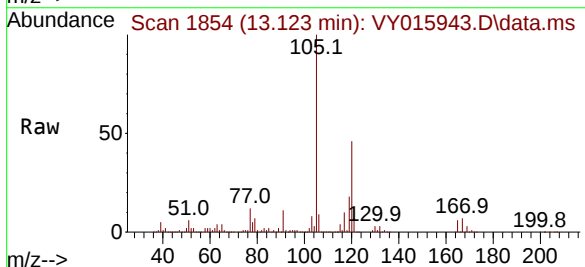
Acq: 12 Oct 2023 19:07

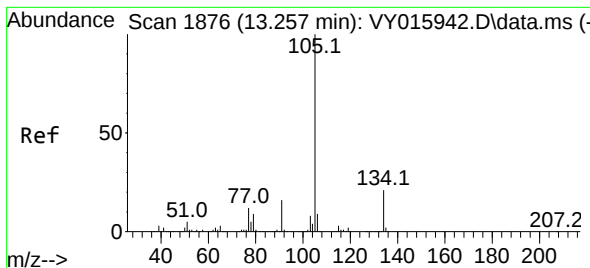
Tgt Ion:105 Resp: 960539

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





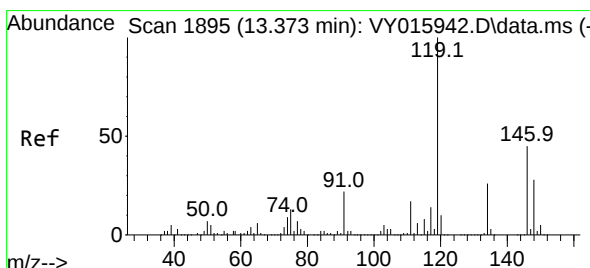
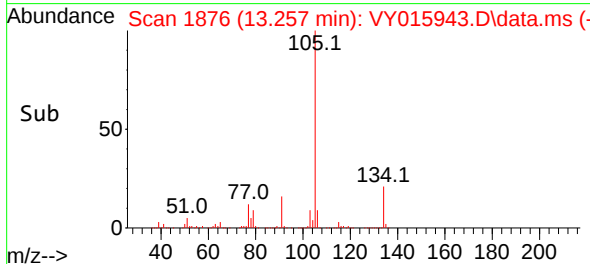
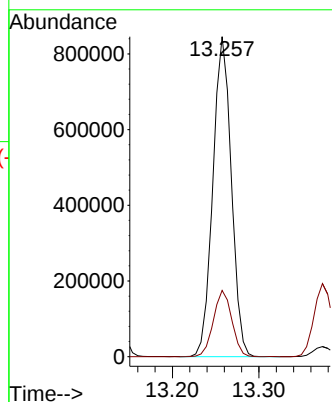
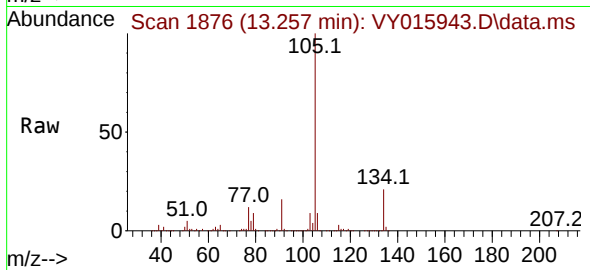
#85
 sec-Butylbenzene
 Concen: 107.272 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY015943.D
 Acq: 12 Oct 2023 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 1251062
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

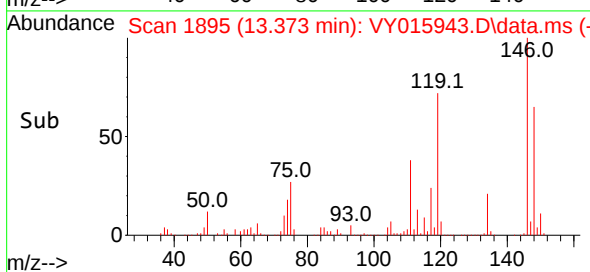
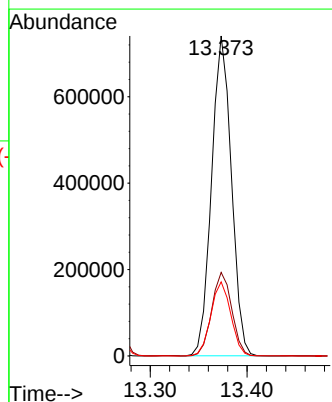
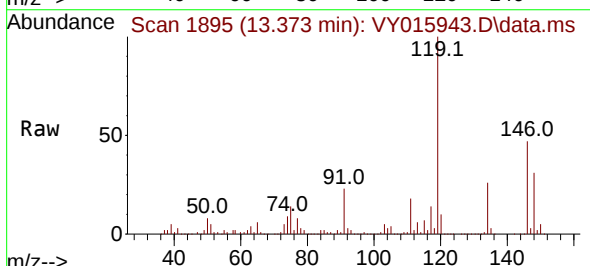
Manual Integrations
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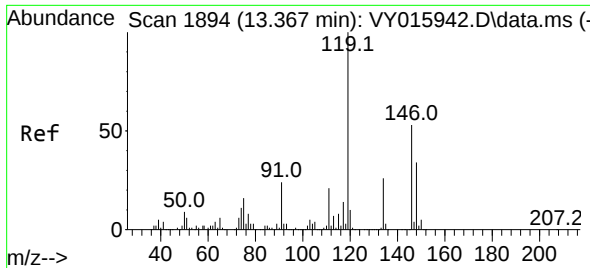
Reviewed By :Mahesh Dadoda 10/13/2023
 Supervised By :Semsettin Yesilyurt 10/13/2023



#86
 p-Isopropyltoluene
 Concen: 108.216 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY015943.D
 Acq: 12 Oct 2023 19:07

Tgt Ion:119 Resp: 1054654
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.3 12.4 37.4





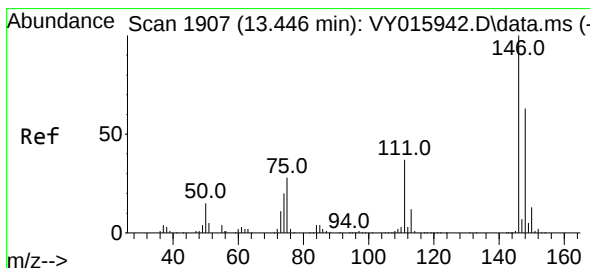
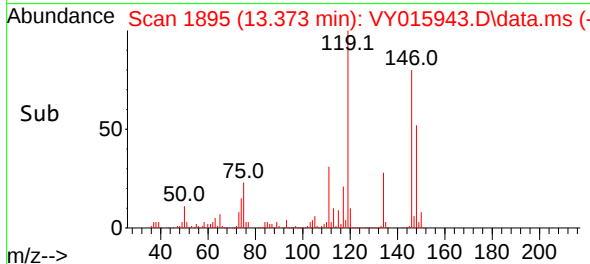
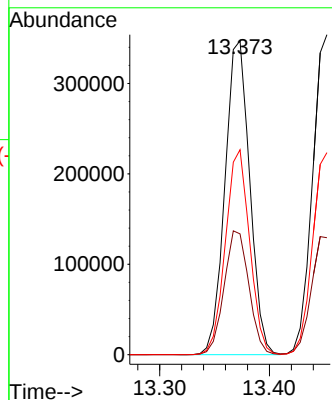
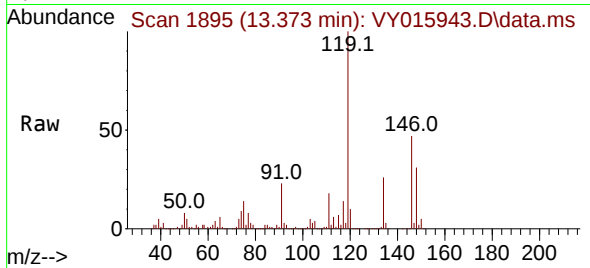
#87
1,3-Dichlorobenzene
Concen: 104.948 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 54462
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 64.0 31.9 95.5

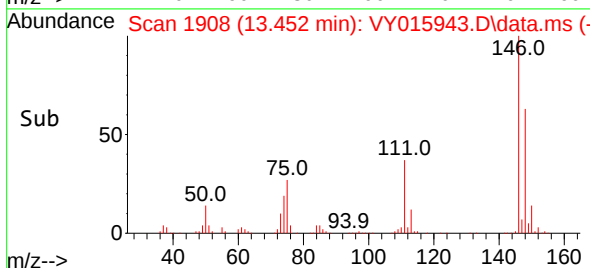
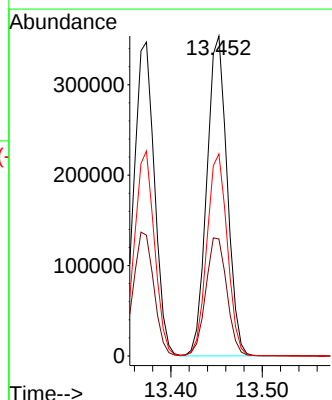
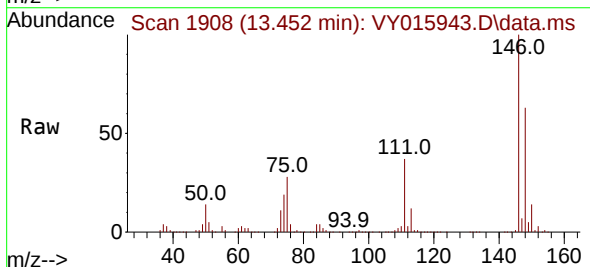
Manual Integrations
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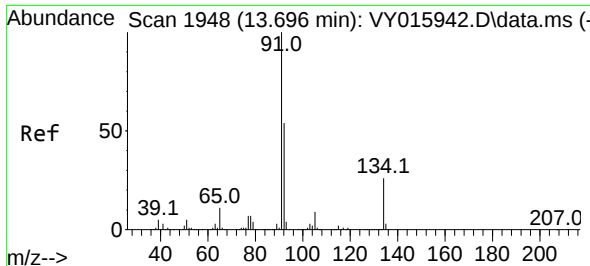
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#88
1,4-Dichlorobenzene
Concen: 104.185 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:146 Resp: 545968
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.7
148 63.5 32.1 96.5





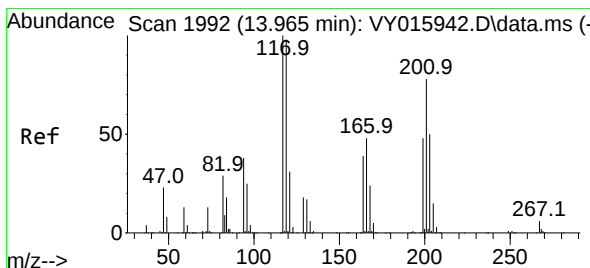
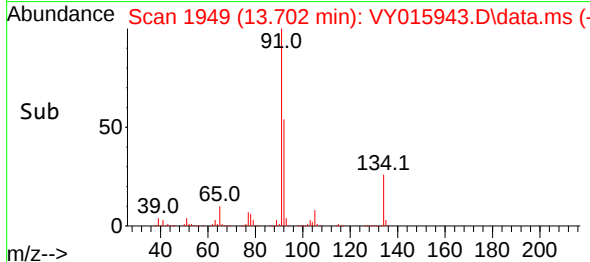
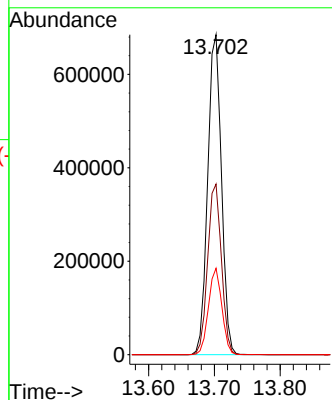
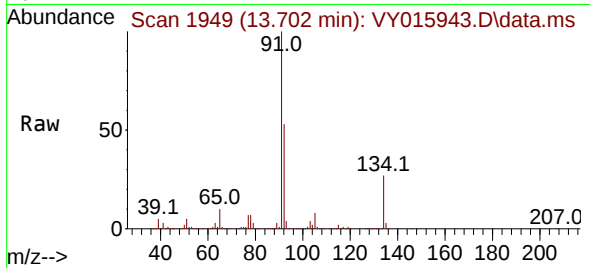
#89
n-Butylbenzene
Concen: 108.648 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 995700
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.4 12.6 37.6

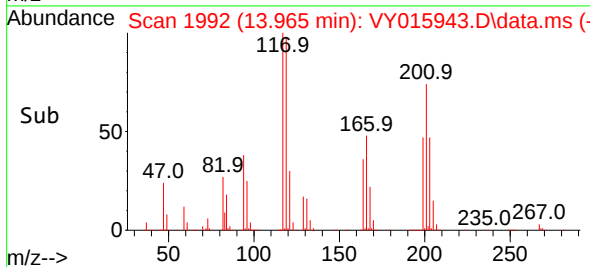
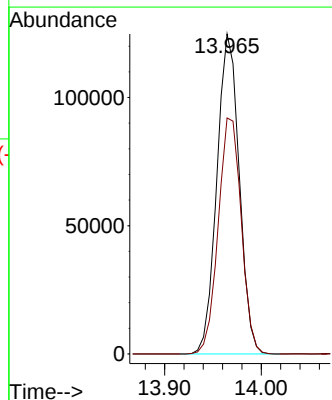
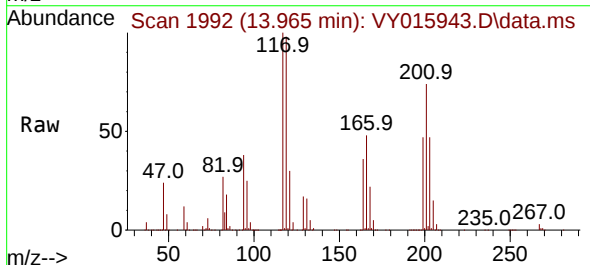
Manual Integrations
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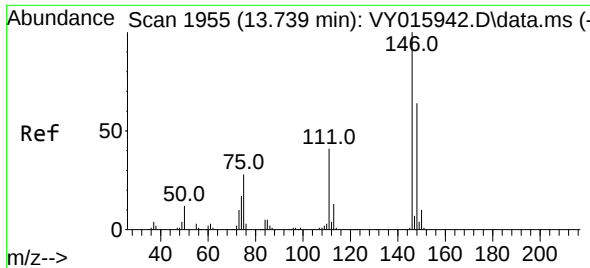
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#90
Hexachloroethane
Concen: 107.011 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion:117 Resp: 199887
Ion Ratio Lower Upper
117 100
201 76.1 41.6 124.8





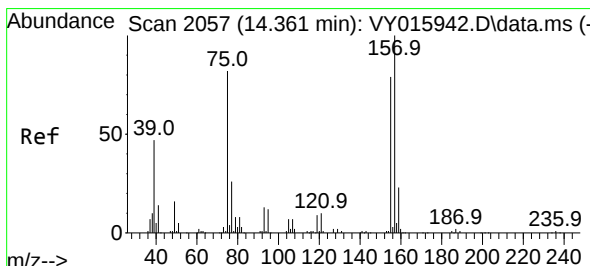
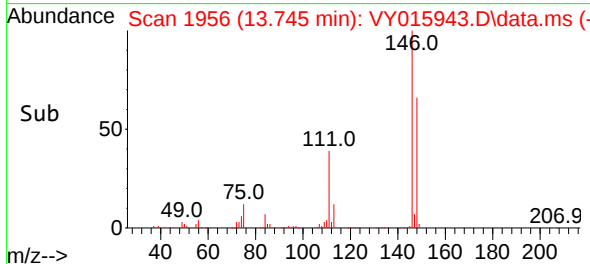
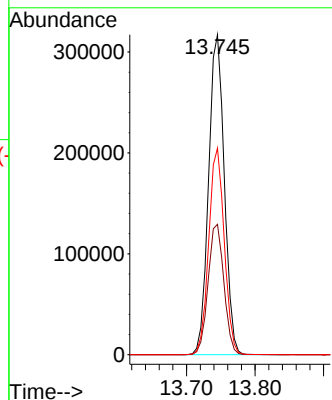
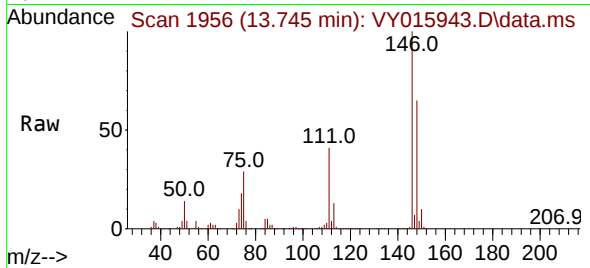
#91
1,2-Dichlorobenzene
Concen: 103.809 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 50544
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.8 32.0 96.2

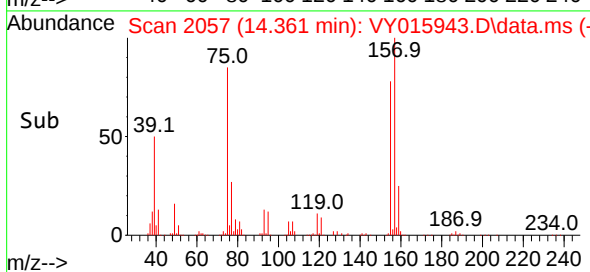
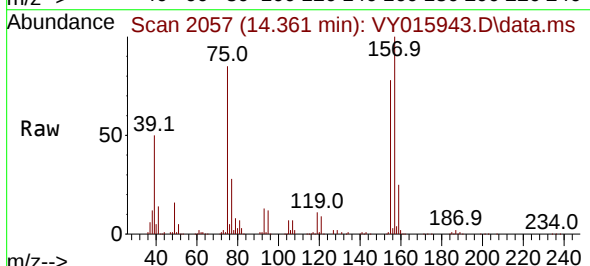
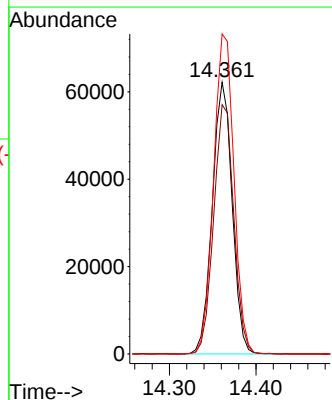
Manual Integrations
APPROVED

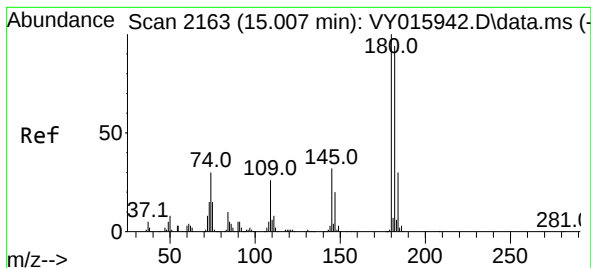
Reviewed By :Mahesh Dadoda 10/13/2023
Supervised By :Semsettin Yesilyurt 10/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 104.657 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY015943.D
Acq: 12 Oct 2023 19:07

Tgt Ion: 75 Resp: 98987
Ion Ratio Lower Upper
75 100
155 93.1 41.5 124.6
157 120.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 108.146 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 346090

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

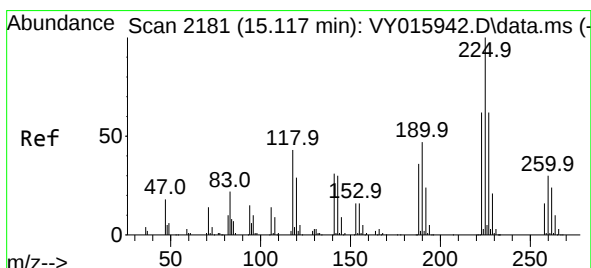
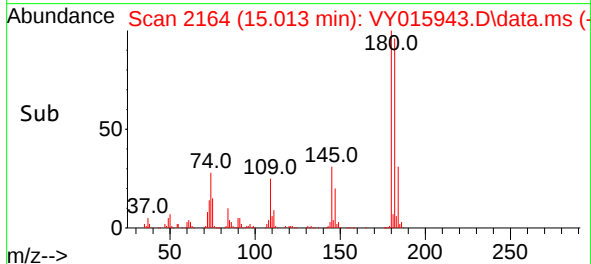
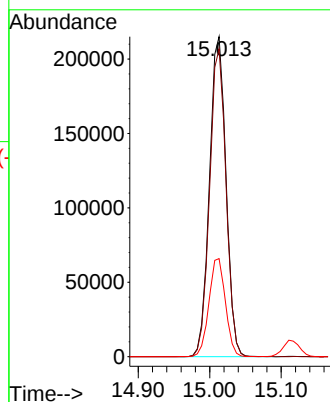
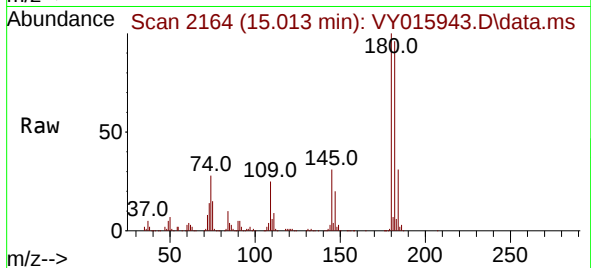
145 30.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#94

Hexachlorobutadiene

Concen: 109.287 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

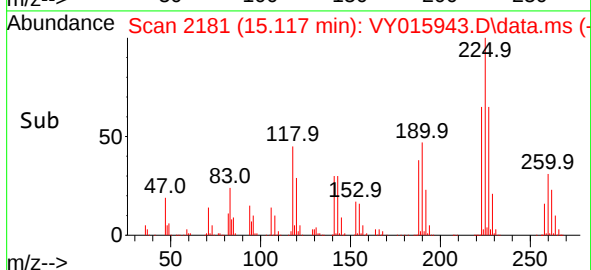
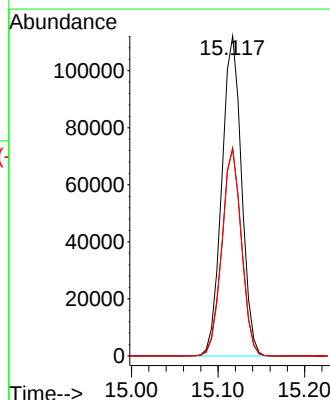
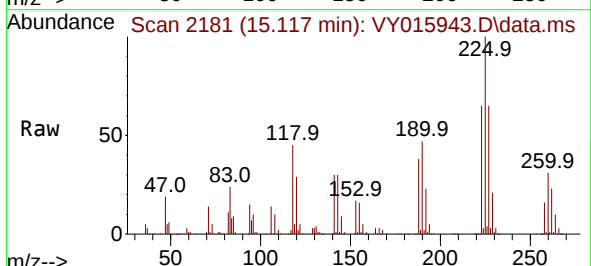
Tgt Ion:225 Resp: 177583

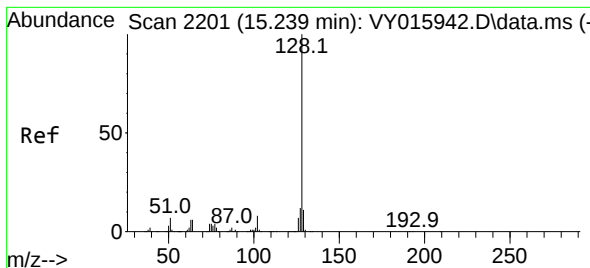
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 109.616 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 113804

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

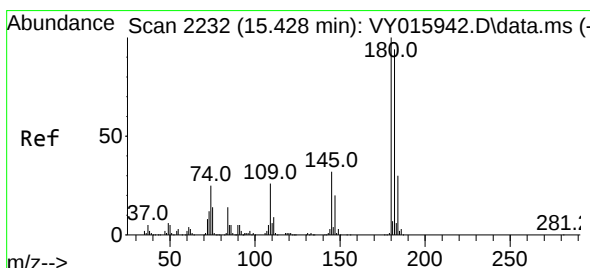
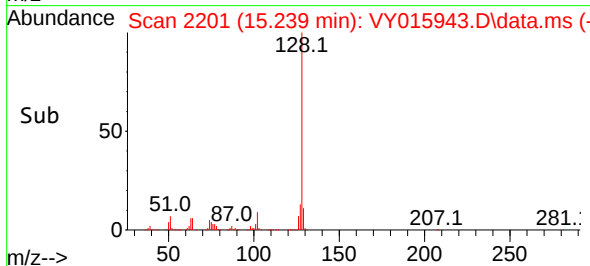
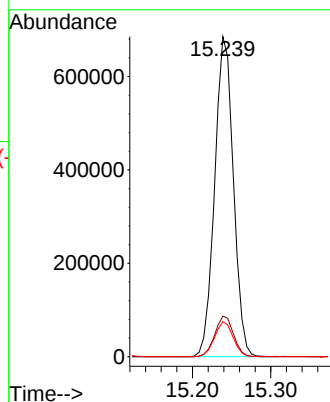
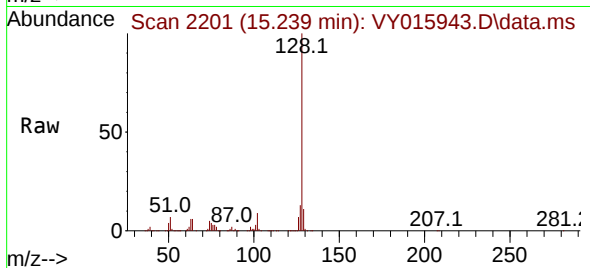
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/13/2023

Supervised By :Semsettin Yesilyurt 10/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 106.378 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY015943.D

Acq: 12 Oct 2023 19:07

Tgt Ion:180 Resp: 326384

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.7 15.4 46.2

