

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014819.D
 Acq On : 25 Jul 2023 22:49
 Operator : SY/MD
 Sample : VY0725SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 02:14:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	204274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348113	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	312392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	113003	48.545	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.100%		
35) Dibromofluoromethane	7.722	113	101869	45.970	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.940%		
50) Toluene-d8	10.185	98	369322	45.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.420%		
62) 4-Bromofluorobenzene	12.483	95	135739	43.330	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32402	19.469	ug/l	93
3) Chloromethane	2.113	50	43789	23.407	ug/l	98
4) Vinyl Chloride	2.253	62	49429	23.641	ug/l	96
5) Bromomethane	2.631	94	36070	26.105	ug/l	99
6) Chloroethane	2.784	64	32301	24.733	ug/l	97
7) Trichlorofluoromethane	3.119	101	68513	19.511	ug/l	98
8) Diethyl Ether	3.533	74	25858	19.792	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	40026	18.597	ug/l	95
10) Methyl Iodide	4.088	142	41165	19.557	ug/l	96
11) Tert butyl alcohol	4.954	59	67274	129.588	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	37163	18.475	ug/l	96
13) Acrolein	3.735	56	21435	88.101	ug/l	99
14) Allyl chloride	4.478	41	61935	17.341	ug/l	97
15) Acrylonitrile	5.167	53	78980	109.624	ug/l	98
16) Acetone	3.954	43	66859	90.638	ug/l	91
17) Carbon Disulfide	4.198	76	104419	18.131	ug/l	98
18) Methyl Acetate	4.478	43	70664	24.963	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	132671	20.304	ug/l	100
20) Methylene Chloride	4.716	84	60073	22.769	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	44353	19.429	ug/l	92
22) Diisopropyl ether	6.124	45	137322	18.911	ug/l	92
23) Vinyl Acetate	6.063	43	388811	89.474	ug/l	95
24) 1,1-Dichloroethane	6.021	63	79881	19.226	ug/l	97
25) 2-Butanone	6.990	43	114921	106.490	ug/l	95
26) 2,2-Dichloropropane	6.984	77	68699	17.349	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	52096	19.606	ug/l	97
28) Bromochloromethane	7.338	49	38402	21.460	ug/l	92
29) Tetrahydrofuran	7.356	42	73603	110.764	ug/l	93
30) Chloroform	7.508	83	85511	19.958	ug/l	100
31) Cyclohexane	7.795	56	66539	17.220	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	72830	18.886	ug/l	99
36) 1,1-Dichloropropene	7.917	75	60142	18.148	ug/l	99
37) Ethyl Acetate	7.082	43	46289	20.287	ug/l #	93
38) Carbon Tetrachloride	7.905	117	64653	18.456	ug/l	99
39) Methylcyclohexane	9.185	83	73437	17.009	ug/l	93
40) Benzene	8.167	78	179068	18.999	ug/l	99

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Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23593m	20.103	ug/l	
42) 1,2-Dichloroethane	8.240	62	59412	19.906	ug/l	95
43) Isopropyl Acetate	8.276	43	85676	19.712	ug/l	97
44) Trichloroethene	8.941	130	50885	19.296	ug/l	99
45) 1,2-Dichloropropane	9.215	63	46052	18.712	ug/l	100
46) Dibromomethane	9.307	93	30356	20.332	ug/l	93
47) Bromodichloromethane	9.496	83	66860	19.000	ug/l	97
48) Methyl methacrylate	9.295	41	37795	19.325	ug/l	92
49) 1,4-Dioxane	9.307	88	9783	401.846	ug/l #	39
51) 4-Methyl-2-Pentanone	10.075	43	241306	105.742	ug/l	93
52) Toluene	10.246	92	114568	18.996	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	68450	17.783	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	75241	17.975	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	42005	20.197	ug/l	96
56) Ethyl methacrylate	10.514	69	60867	19.168	ug/l	90
57) 1,3-Dichloropropane	10.794	76	71336	19.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	156950	106.079	ug/l	95
59) 2-Hexanone	10.837	43	171361	102.970	ug/l	92
60) Dibromochloromethane	10.989	129	49456	19.395	ug/l	99
61) 1,2-Dibromoethane	11.093	107	41697	20.097	ug/l	100
64) Tetrachloroethene	10.721	164	52273	20.806	ug/l	97
65) Chlorobenzene	11.520	112	126105	18.943	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	46953	18.707	ug/l	98
67) Ethyl Benzene	11.593	91	222872	18.543	ug/l	99
68) m/p-Xylenes	11.703	106	168274	36.677	ug/l	97
69) o-Xylene	12.032	106	84045	18.807	ug/l	97
70) Styrene	12.044	104	139378	18.505	ug/l	98
71) Bromoform	12.209	173	32100	18.868	ug/l #	99
73) Isopropylbenzene	12.331	105	215342	17.629	ug/l	99
74) N-amyl acetate	12.142	43	69507	16.990	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	53569	19.230	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	43245m	21.948	ug/l	
77) Bromobenzene	12.611	156	52534	18.840	ug/l	98
78) n-propylbenzene	12.672	91	258421	17.556	ug/l	99
79) 2-Chlorotoluene	12.757	91	149912	17.682	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	179371	17.583	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	16071	15.793	ug/l	98
82) 4-Chlorotoluene	12.855	91	152853	17.505	ug/l	99
83) tert-Butylbenzene	13.074	119	162165	17.920	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	181240	18.103	ug/l	99
85) sec-Butylbenzene	13.251	105	232083	17.483	ug/l	100
86) p-Isopropyltoluene	13.373	119	192134	17.727	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	100833	18.580	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	101423	18.650	ug/l	98
89) n-Butylbenzene	13.696	91	179849	17.056	ug/l	96
90) Hexachloroethane	13.958	117	38101	17.114	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	94223	18.951	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10238	19.218	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	58628	18.575	ug/l	98
94) Hexachlorobutadiene	15.111	225	29269	16.875	ug/l	99
95) Naphthalene	15.239	128	141438	19.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51653	18.414	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD02

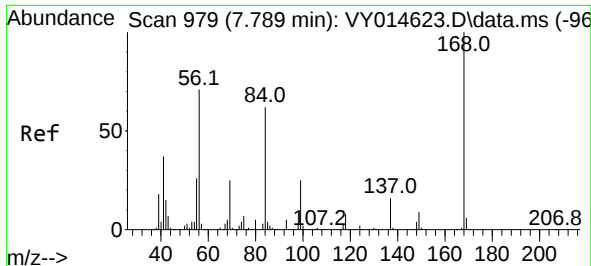
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 02:14:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

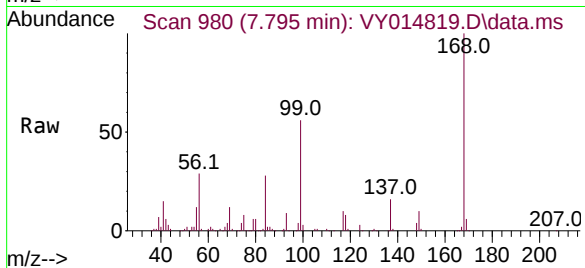
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014819.D
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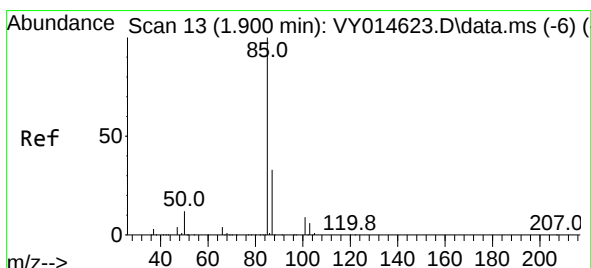
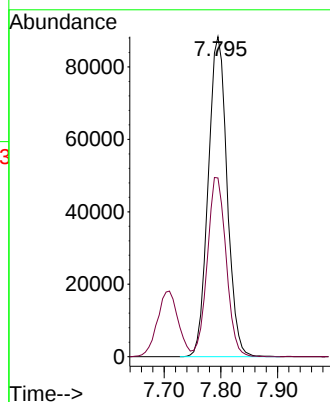
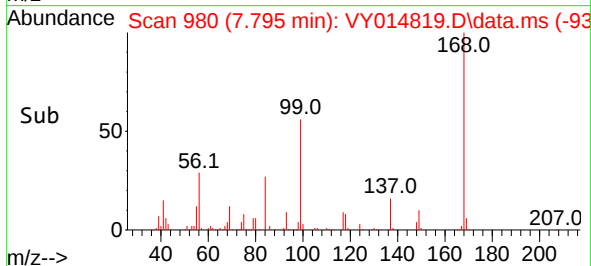
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion:168 Resp: 204274
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0

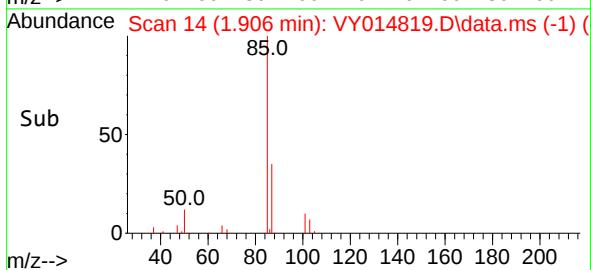
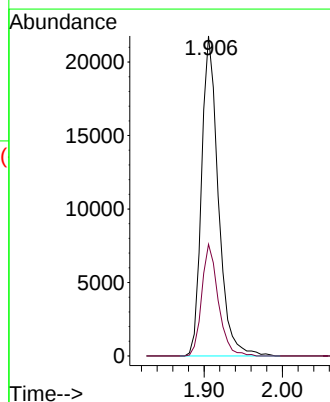
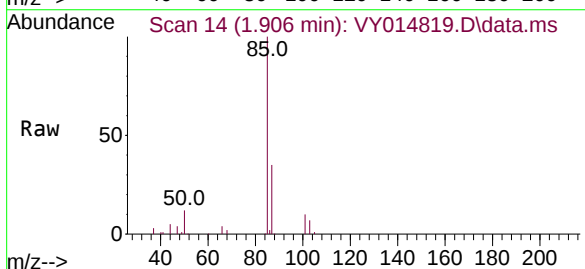
Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/27/2023



#2
Dichlorodifluoromethane
Concen: 19.469 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

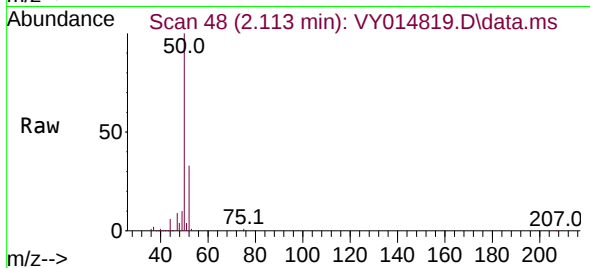
Tgt Ion: 85 Resp: 32402
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.8





#3
Chloromethane
Concen: 23.407 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

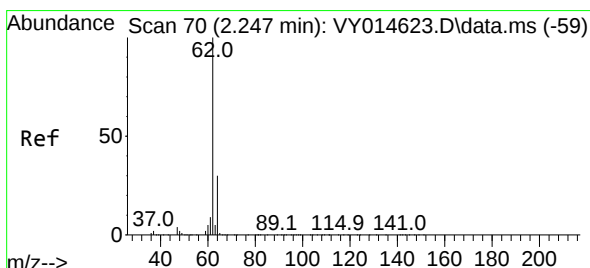
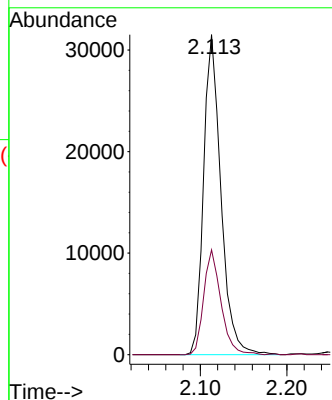
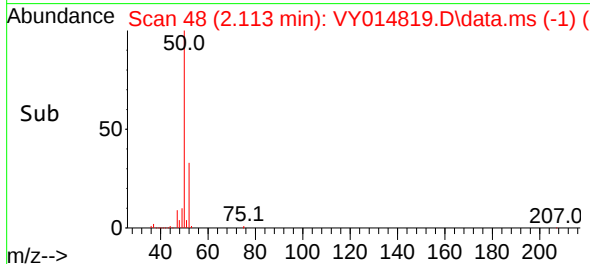
Instrument :
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ClientSampleId :
VY0725SBS02



Tgt Ion: 50 Resp: 43789
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

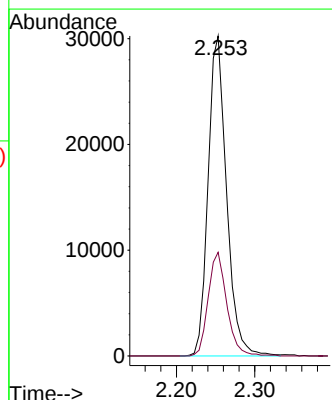
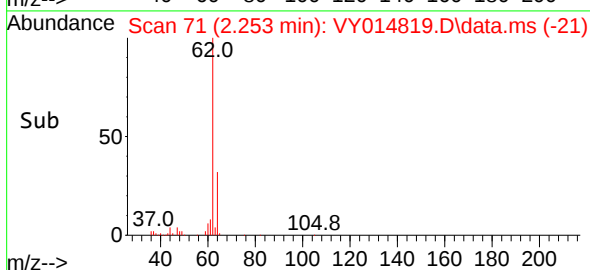
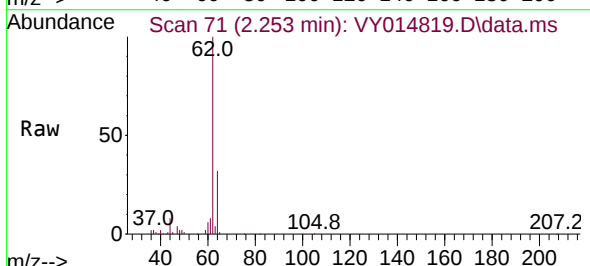
Manual Integrations
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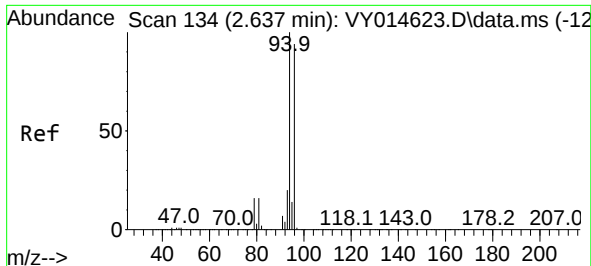
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#4
Vinyl Chloride
Concen: 23.641 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

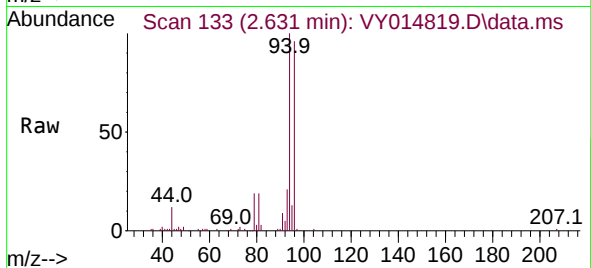
Tgt Ion: 62 Resp: 49429
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 26.105 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

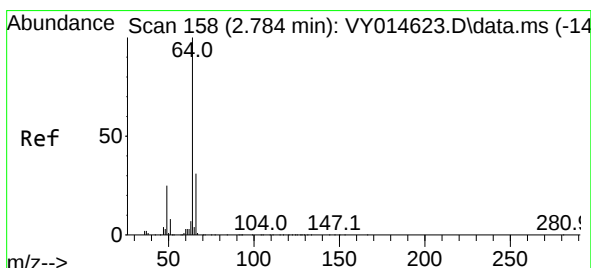
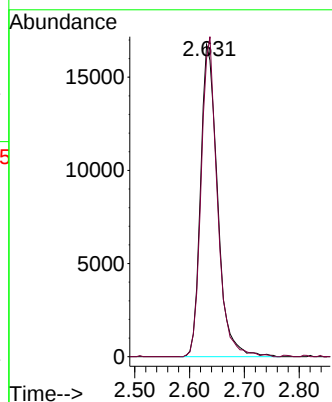
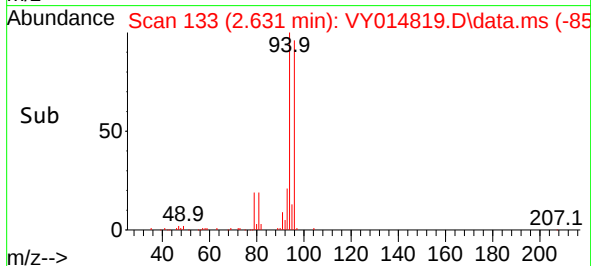
Instrument :
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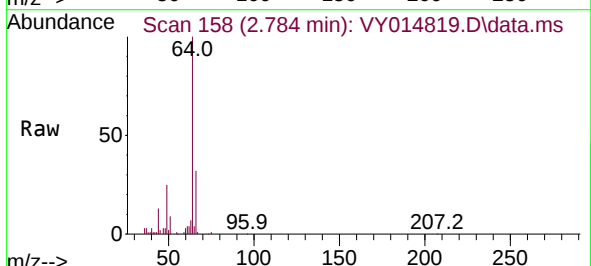
Tgt Ion: 94 Resp: 36070
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.6

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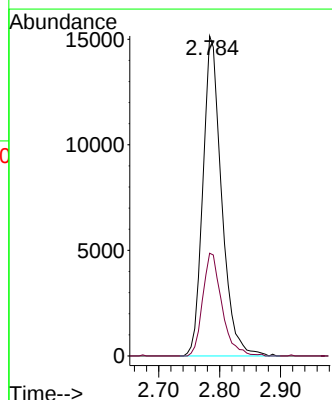
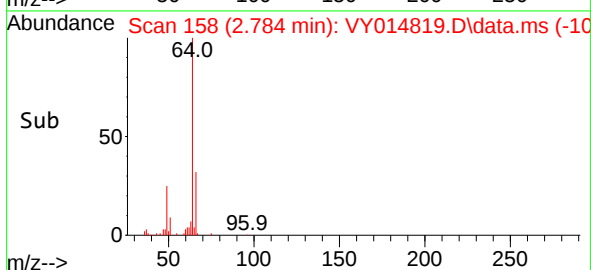
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#6
Chloroethane
Concen: 24.733 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



Tgt Ion: 64 Resp: 32301
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6





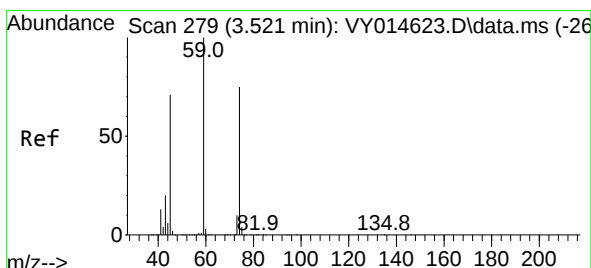
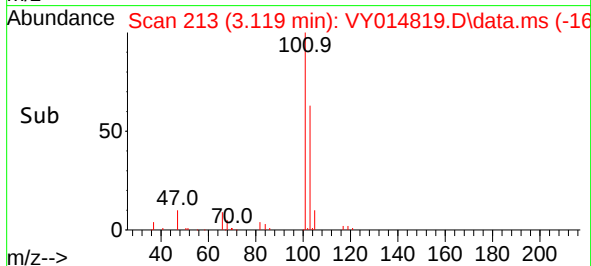
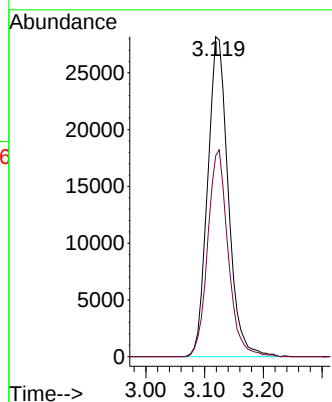
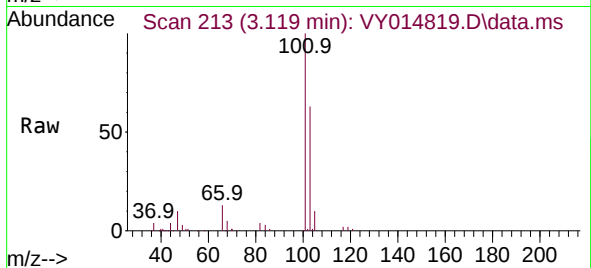
#7
Trichlorofluoromethane
Concen: 19.511 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion:101 Resp: 6851
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.0

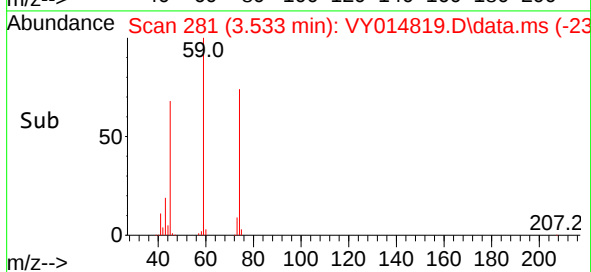
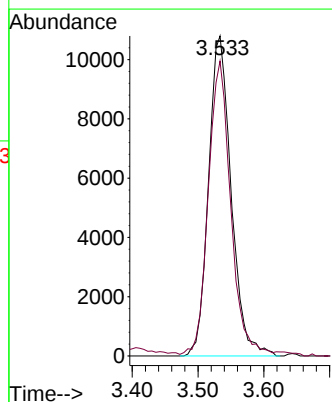
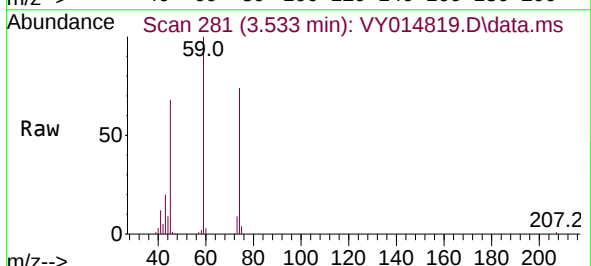
Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/27/2023



#8
Diethyl Ether
Concen: 19.792 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 74 Resp: 25858
Ion Ratio Lower Upper
74 100
45 90.3 51.5 154.5





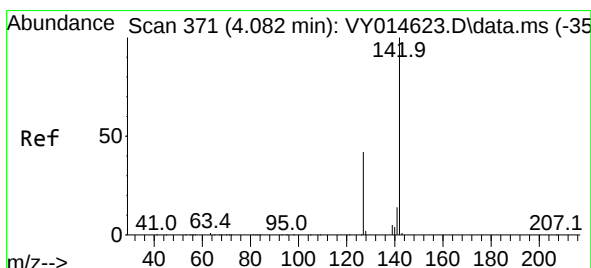
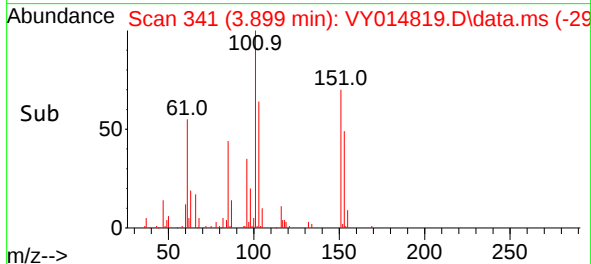
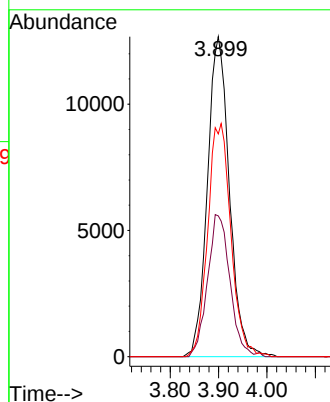
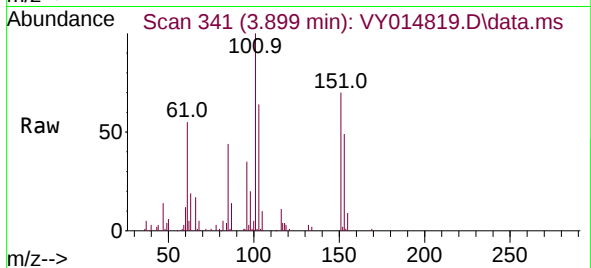
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.597 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY014819.D
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Instrument :
MSVOA_Y
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Tgt Ion:101 Resp: 40020
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 76.7 67.0 100.6

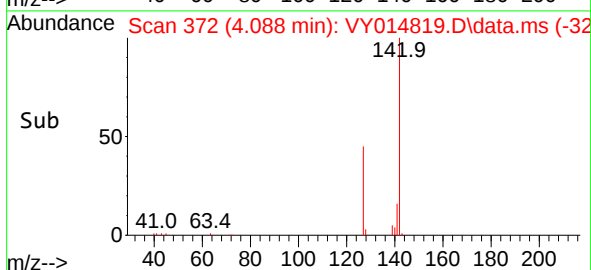
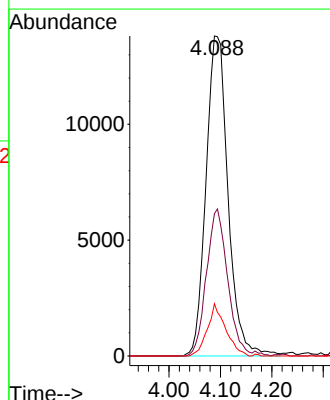
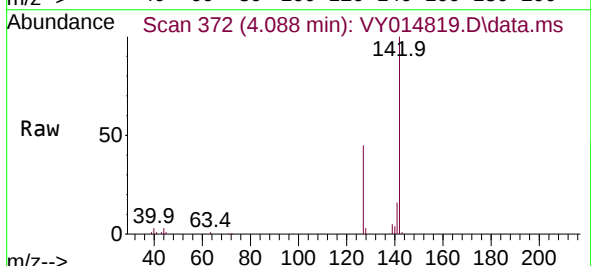
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#10
Methyl Iodide
Concen: 19.557 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

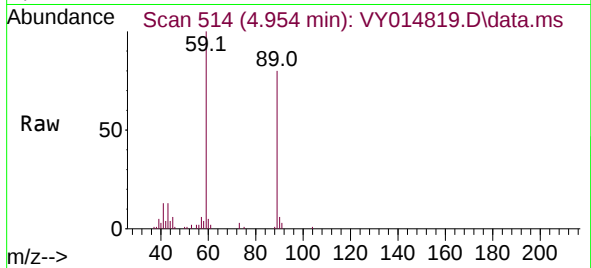
Tgt Ion:142 Resp: 41165
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 13.6 11.8 17.8





#11
Tert butyl alcohol
Concen: 129.588 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

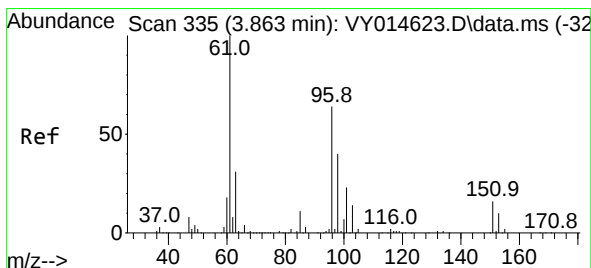
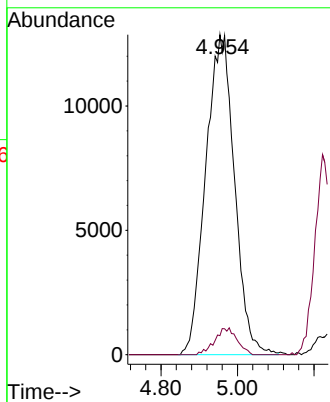
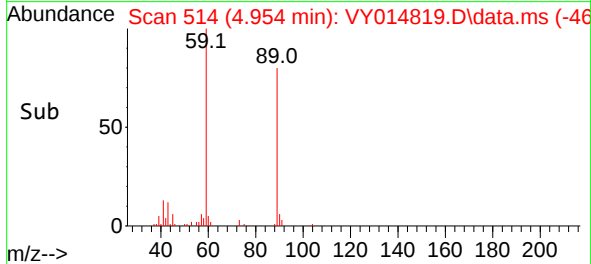
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 59 Resp: 67274
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

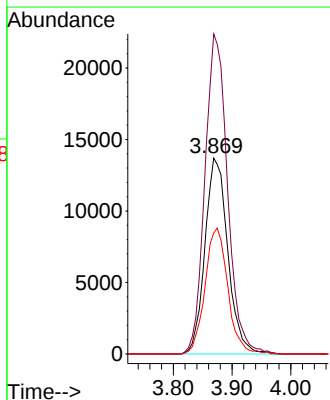
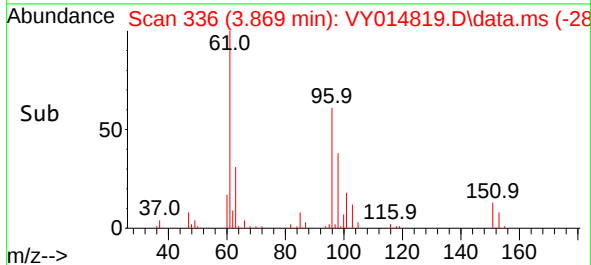
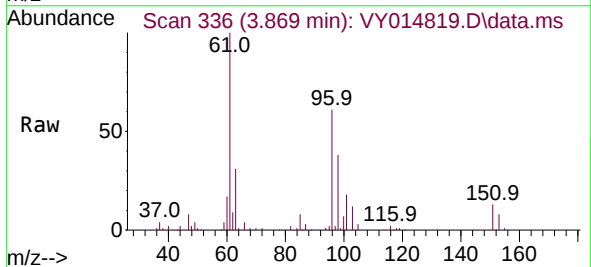
Manual Integrations
APPROVED

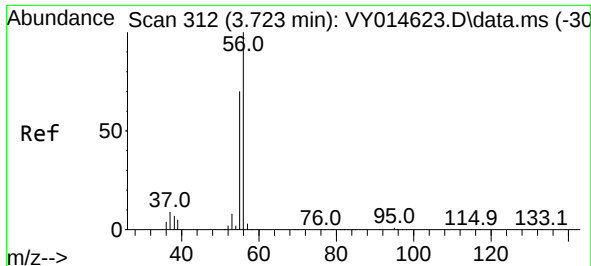
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#12
1,1-Dichloroethene
Concen: 18.475 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

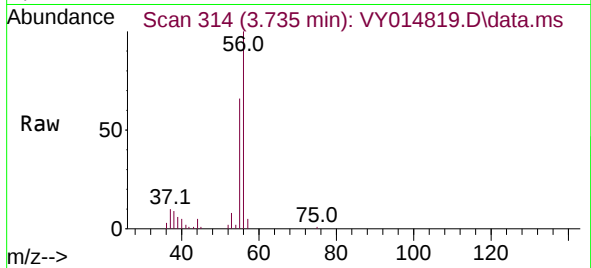
Tgt Ion: 96 Resp: 37163
Ion Ratio Lower Upper
96 100
61 163.4 136.4 204.6
98 61.6 49.4 74.2





#13
Acrolein
Concen: 88.101 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

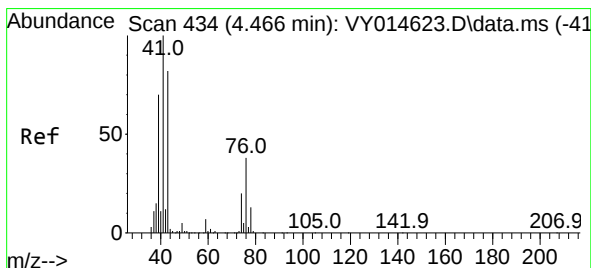
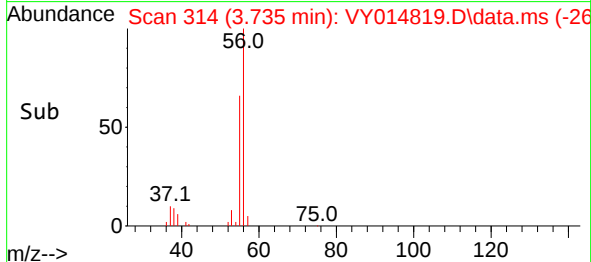
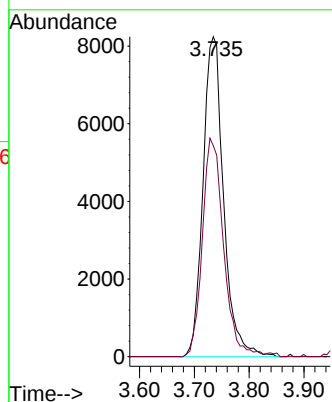
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 56 Resp: 21435
Ion Ratio Lower Upper
56 100
55 70.5 57.0 85.4

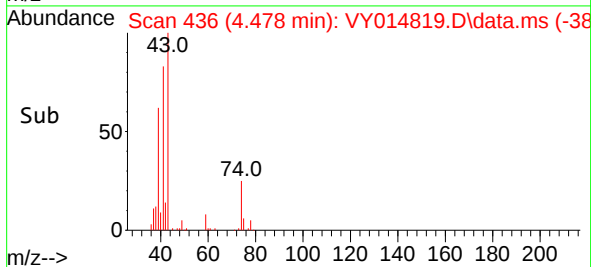
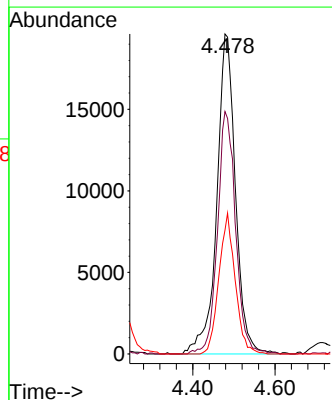
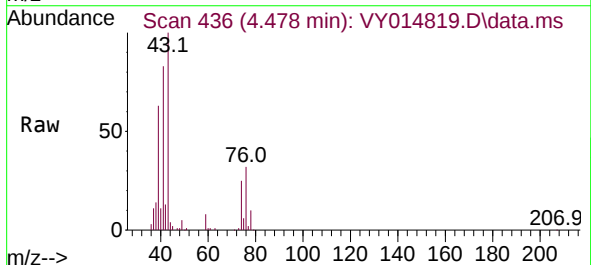
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#14
Allyl chloride
Concen: 17.341 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

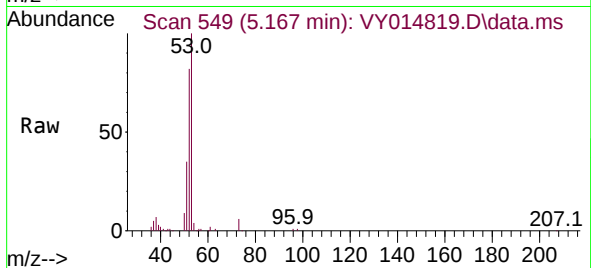
Tgt Ion: 41 Resp: 61935
Ion Ratio Lower Upper
41 100
39 73.3 58.0 87.0
76 38.3 27.4 41.2





#15
Acrylonitrile
Concen: 109.624 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

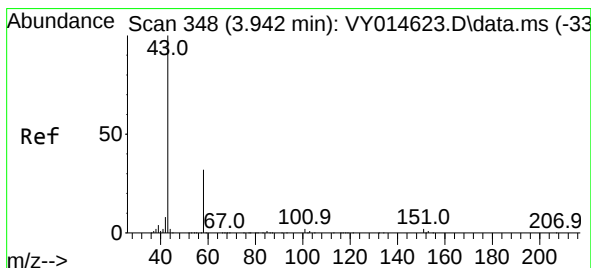
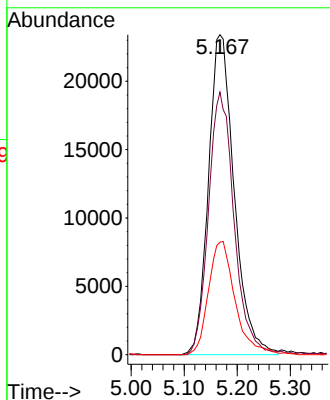
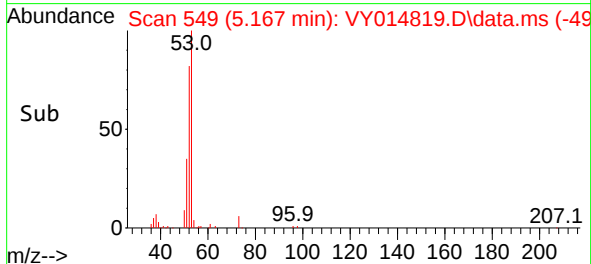
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 53 Resp: 78980
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.6 29.8 44.6

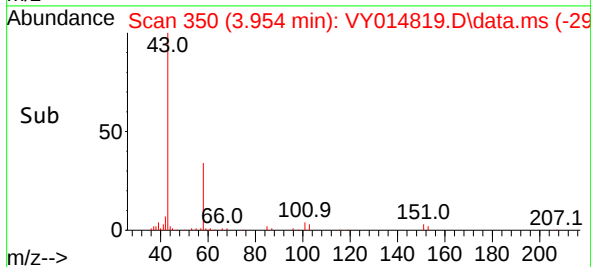
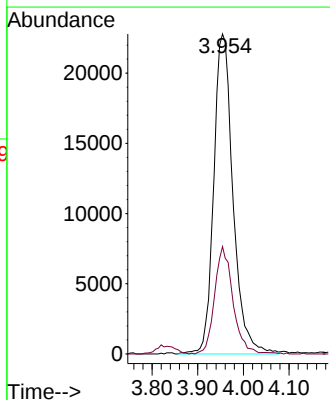
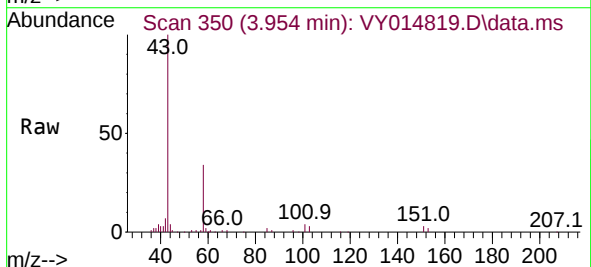
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#16
Acetone
Concen: 90.638 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

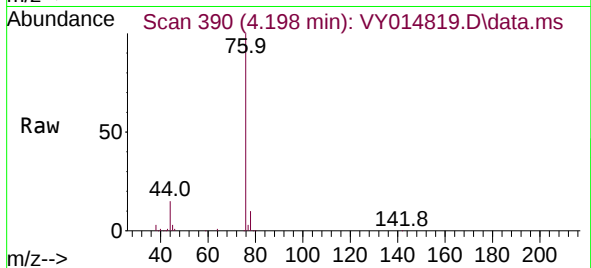
Tgt Ion: 43 Resp: 66859
Ion Ratio Lower Upper
43 100
58 33.3 22.7 34.1





#17
Carbon Disulfide
Concen: 18.131 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

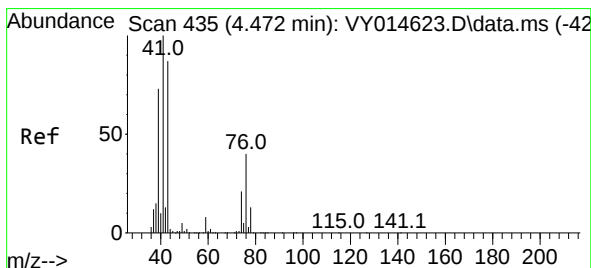
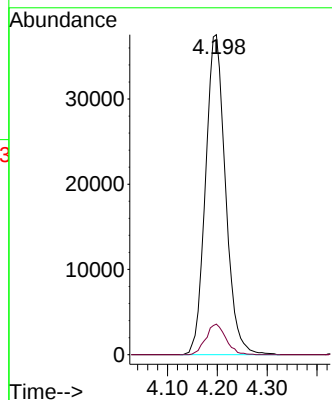
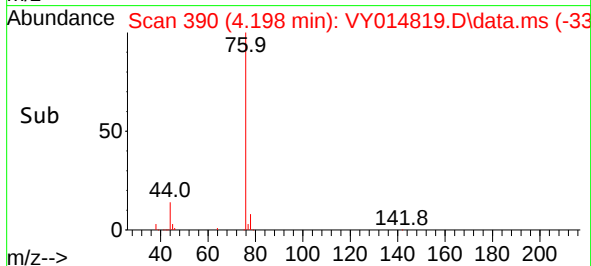
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 76 Resp: 104419
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

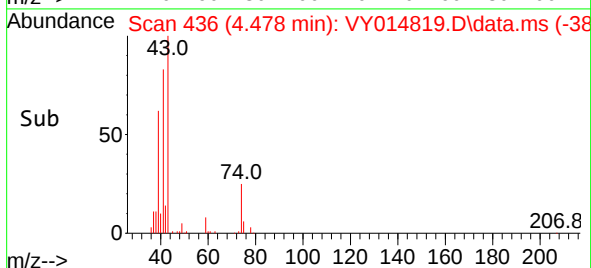
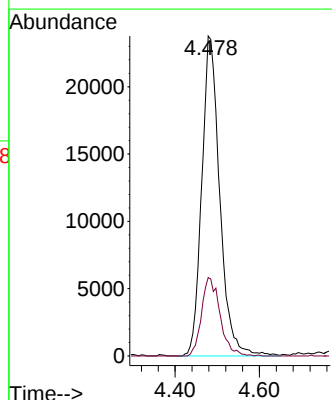
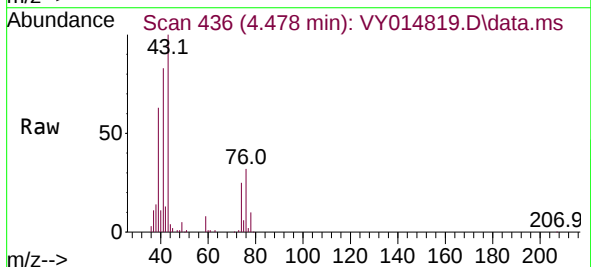
Manual Integrations
APPROVED

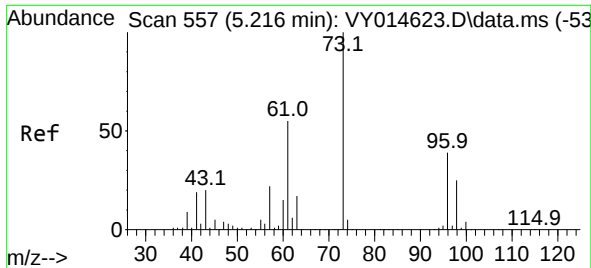
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#18
Methyl Acetate
Concen: 24.963 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 43 Resp: 70664
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





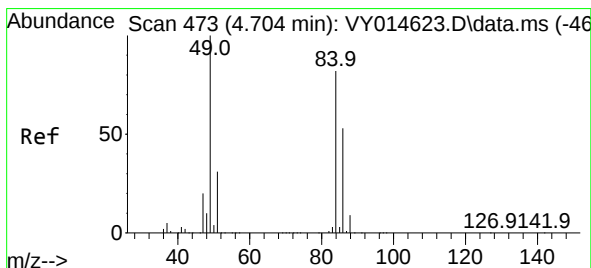
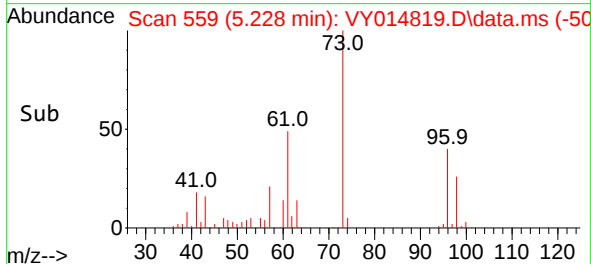
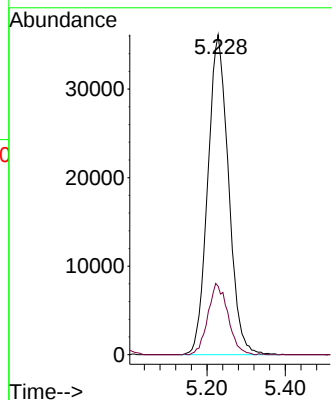
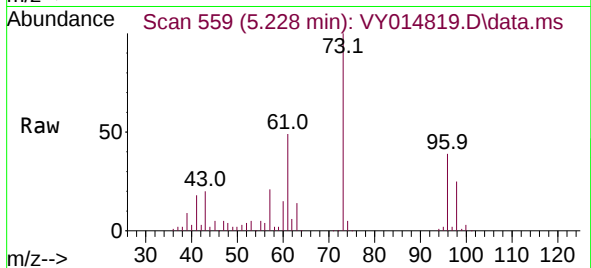
#19
Methyl tert-butyl Ether
Concen: 20.304 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion: 73 Resp: 13267
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

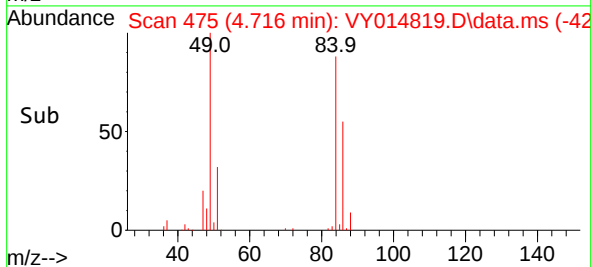
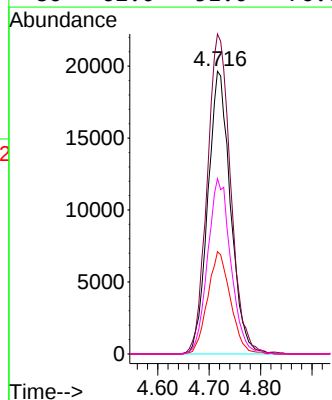
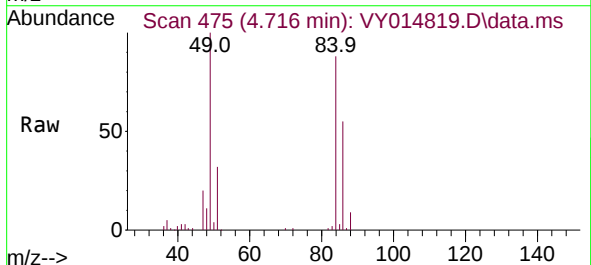
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#20
Methylene Chloride
Concen: 22.769 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

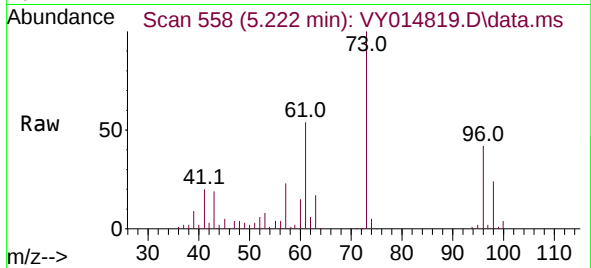
Tgt Ion: 84 Resp: 60073
Ion Ratio Lower Upper
84 100
49 113.2 106.9 160.3
51 36.2 33.2 49.8
86 62.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.429 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

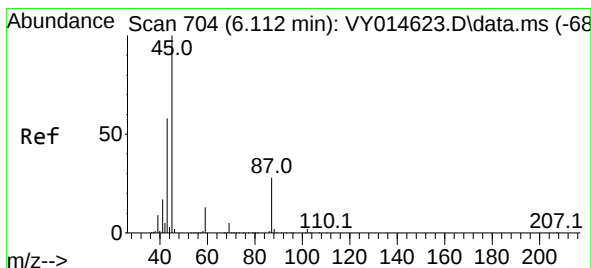
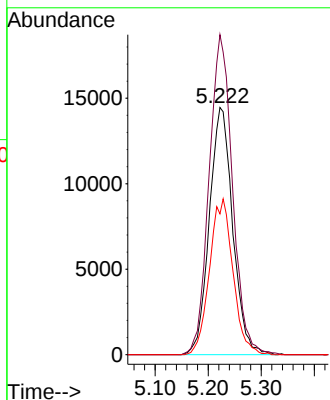
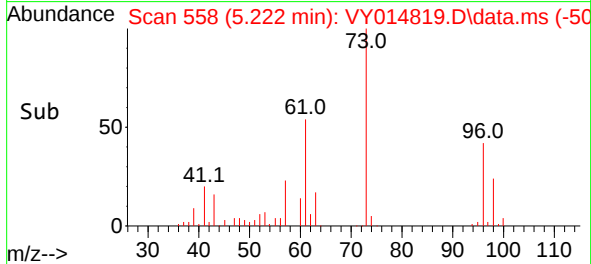
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



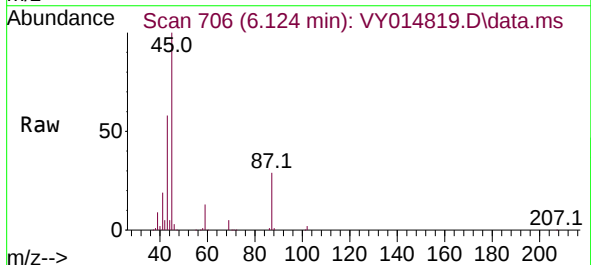
Tgt Ion: 96 Resp: 4435
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 57.0 51.8 77.6

Manual Integrations
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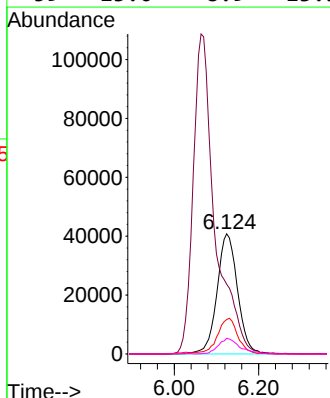
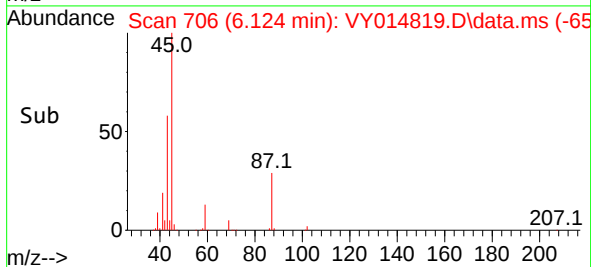
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

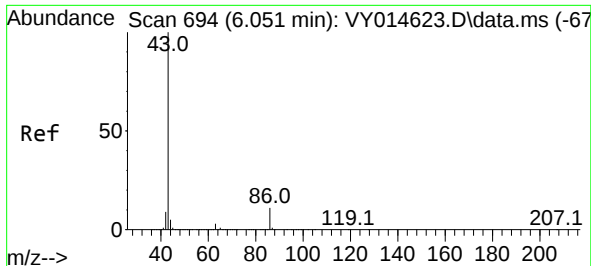


#22
Diisopropyl ether
Concen: 18.911 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



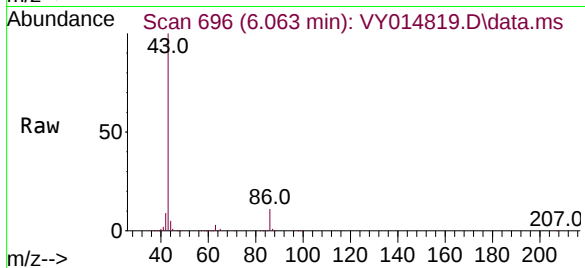
Tgt Ion: 45 Resp: 137322
Ion Ratio Lower Upper
45 100
43 57.5 52.2 78.4
87 28.6 21.0 31.6
59 13.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 89.474 ug/l
 RT: 6.063 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY014819.D
 Acq: 25 Jul 2023 22:49

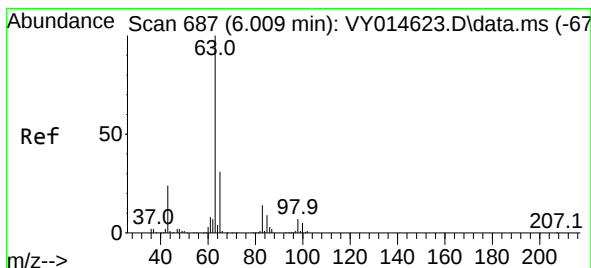
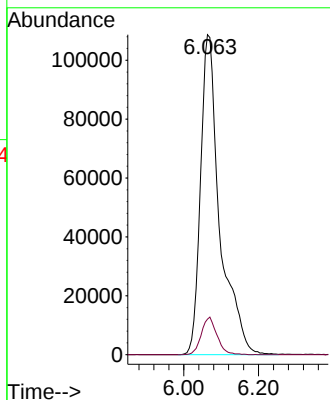
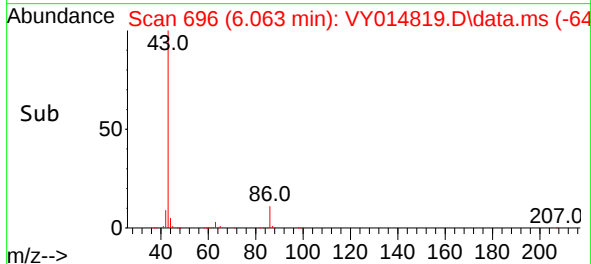
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBSD02



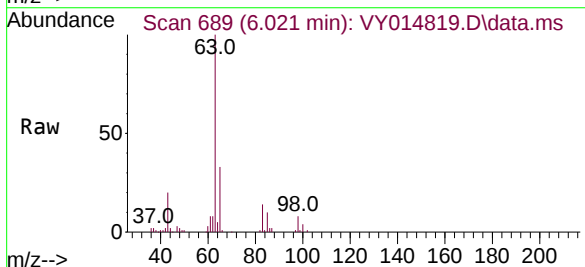
Tgt Ion: 43 Resp: 38881
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3

Manual Integrations
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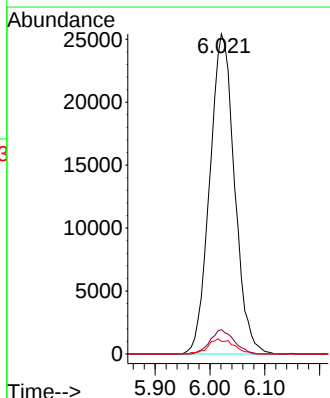
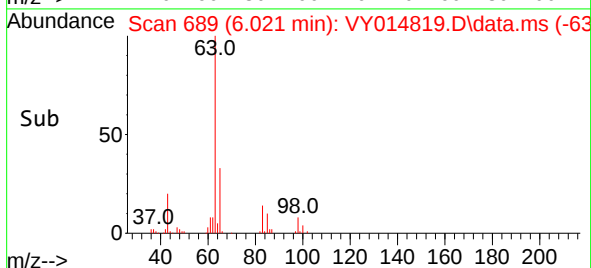
Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



#24
 1,1-Dichloroethane
 Concen: 19.226 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY014819.D
 Acq: 25 Jul 2023 22:49



Tgt Ion: 63 Resp: 79881
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.0 1.8 5.5





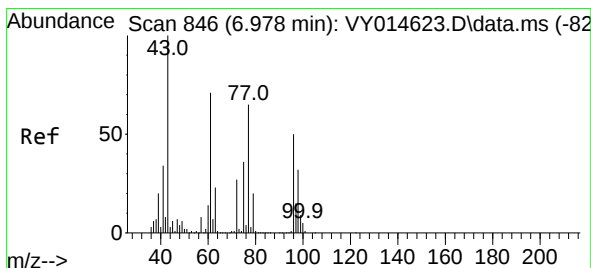
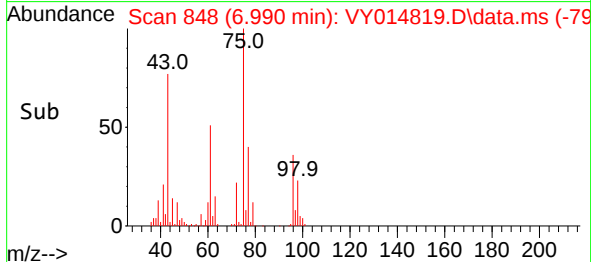
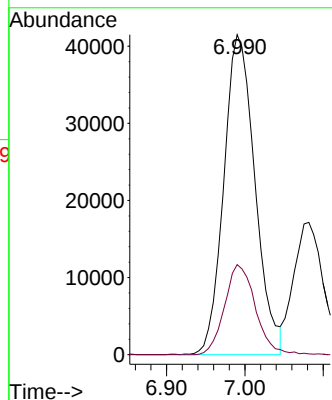
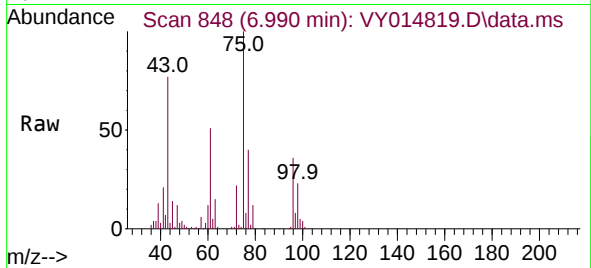
#25
2-Butanone
Concen: 106.490 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion: 43 Resp: 11492
Ion Ratio Lower Upper
43 100
72 28.2 20.5 30.7

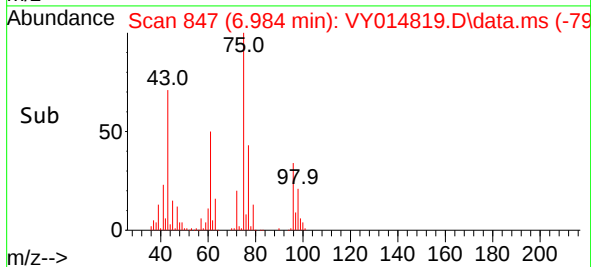
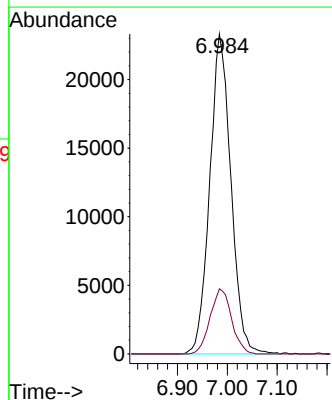
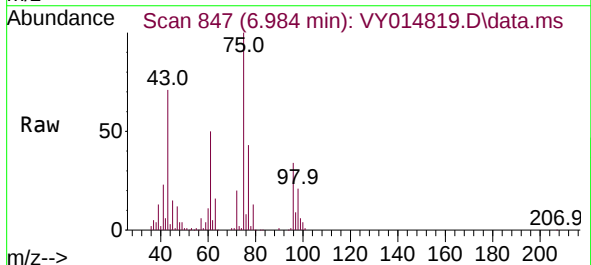
Manual Integrations
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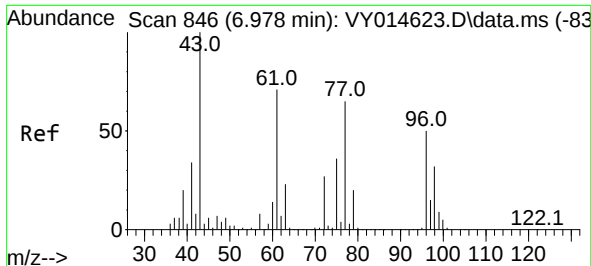
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#26
2,2-Dichloropropane
Concen: 17.349 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

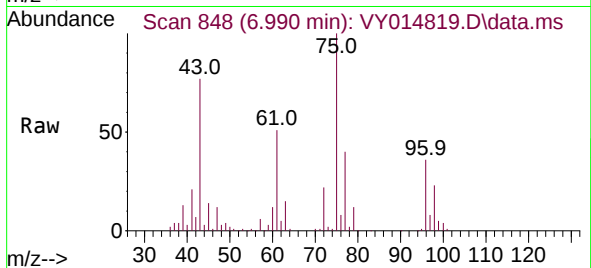
Tgt Ion: 77 Resp: 68699
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.606 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.012 min
 Lab File: VY014819.D
 Acq: 25 Jul 2023 22:49

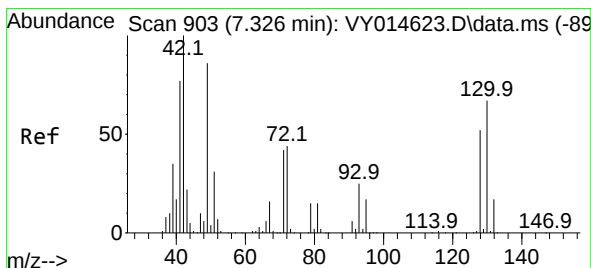
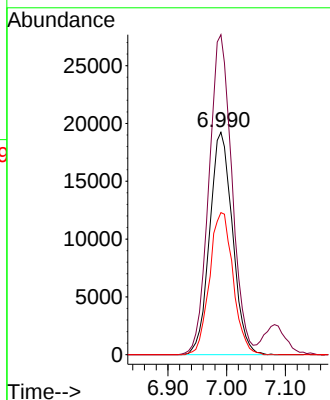
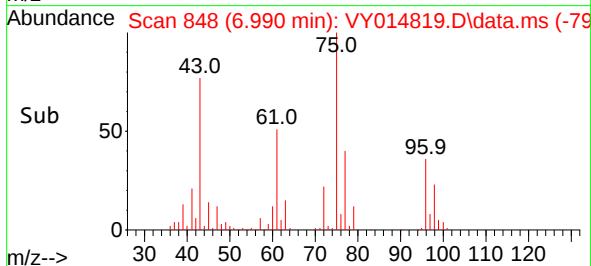
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS02



Tgt Ion: 96 Resp: 52090
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 301.4
 98 65.6 0.0 130.4

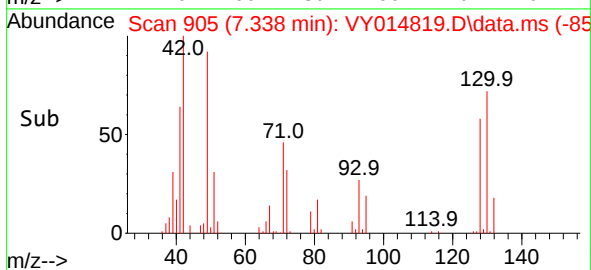
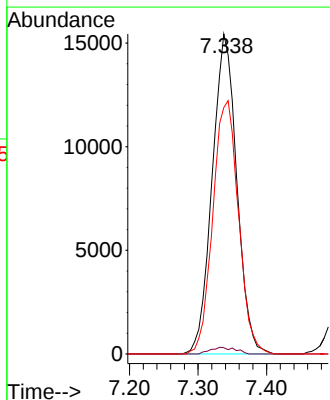
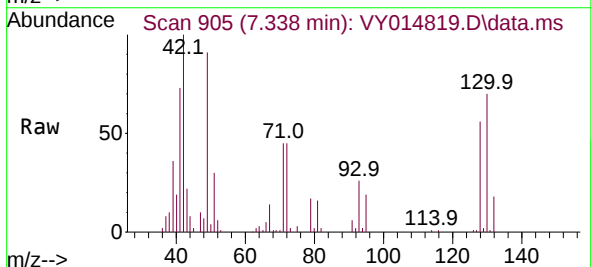
Manual Integrations
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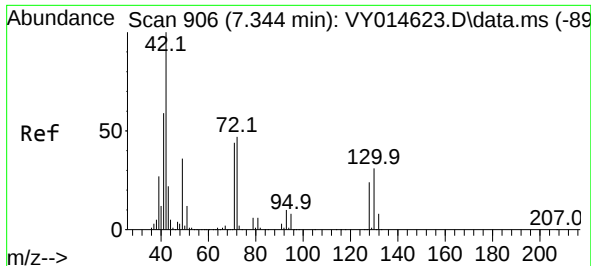
Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



#28
 Bromochloromethane
 Concen: 21.460 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY014819.D
 Acq: 25 Jul 2023 22:49

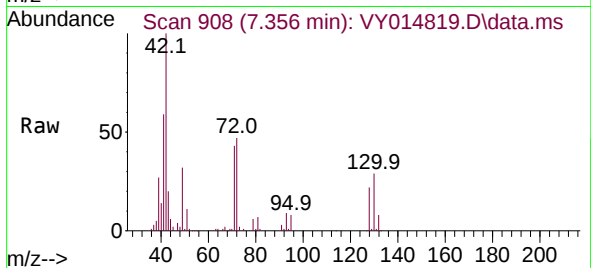
Tgt Ion: 49 Resp: 38402
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 82.5 60.7 91.1





#29
Tetrahydrofuran
Concen: 110.764 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

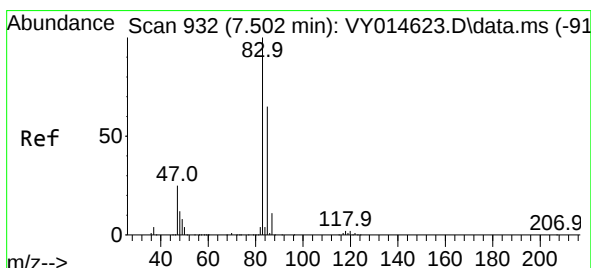
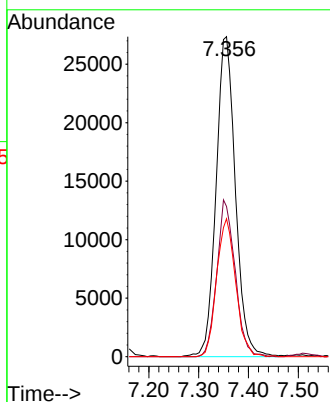
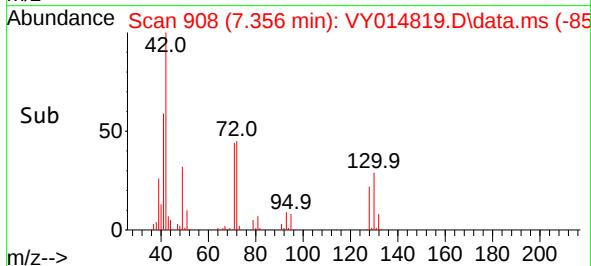
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 42 Resp: 7360
Ion Ratio Lower Upper
42 100
72 46.5 32.8 49.2
71 42.4 31.0 46.4

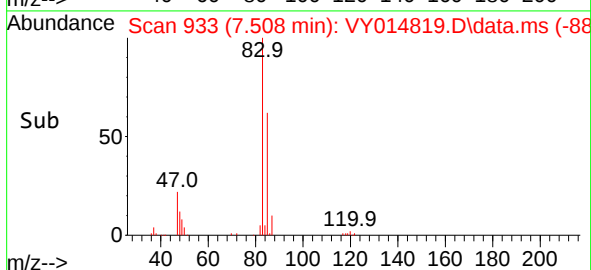
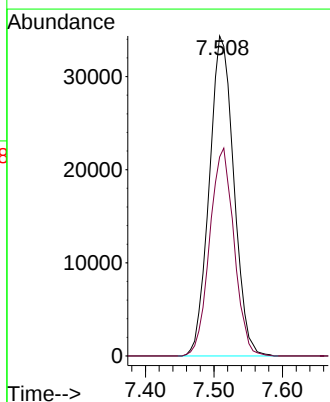
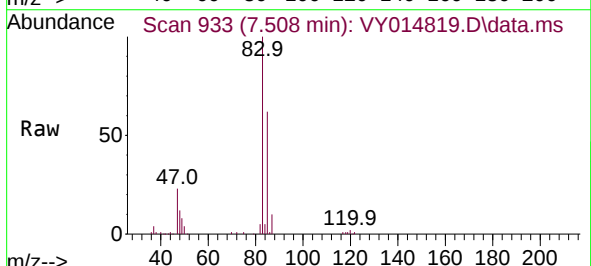
Manual Integrations
APPROVED

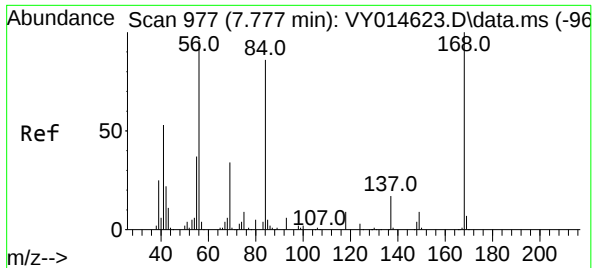
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#30
Chloroform
Concen: 19.958 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

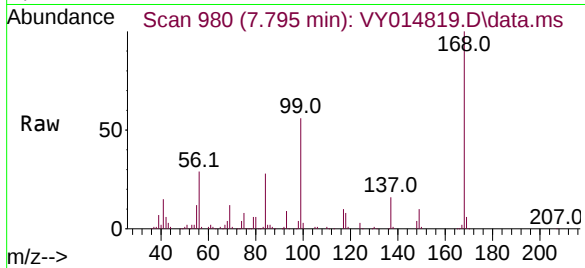
Tgt Ion: 83 Resp: 85511
Ion Ratio Lower Upper
83 100
85 62.2 49.7 74.5





#31
Cyclohexane
Concen: 17.220 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

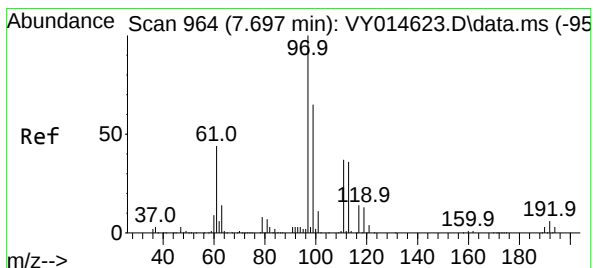
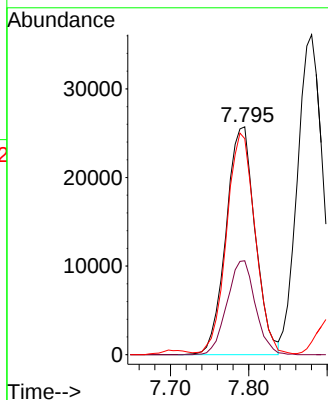
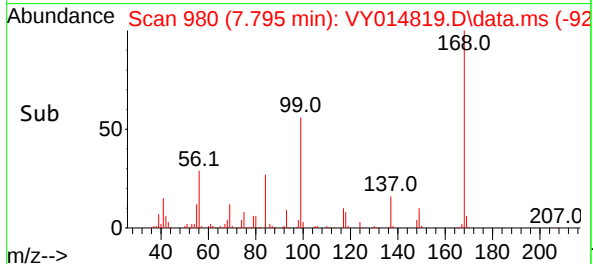
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



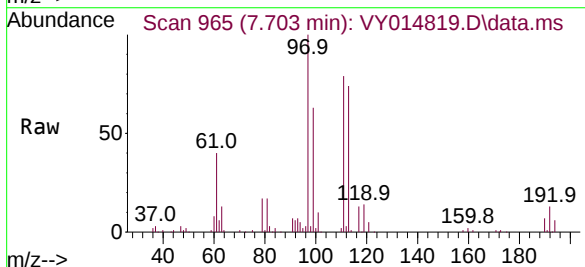
Tgt Ion: 56 Resp: 66539
Ion Ratio Lower Upper
56 100
69 41.2 27.8 41.6
84 92.9 66.4 99.6

Manual Integrations
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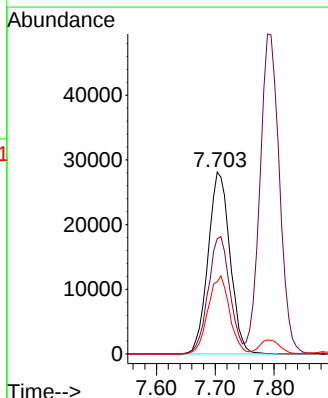
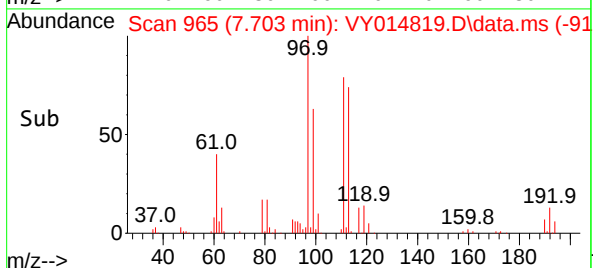
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#32
1,1,1-Trichloroethane
Concen: 18.886 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



Tgt Ion: 97 Resp: 72830
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.545 ug/l

RT: 8.148 min Scan# 11300

Delta R.T. 0.012 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion: 65 Resp: 11300

Ion Ratio Lower Upper

65 100

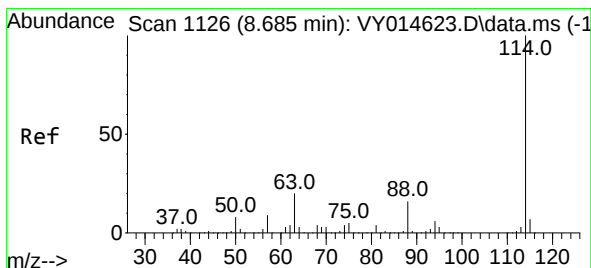
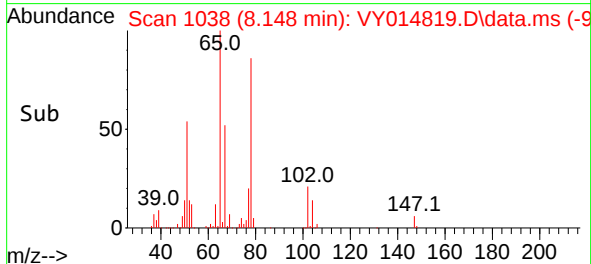
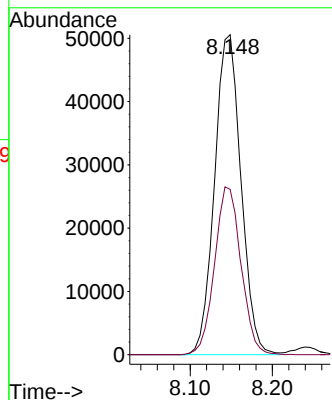
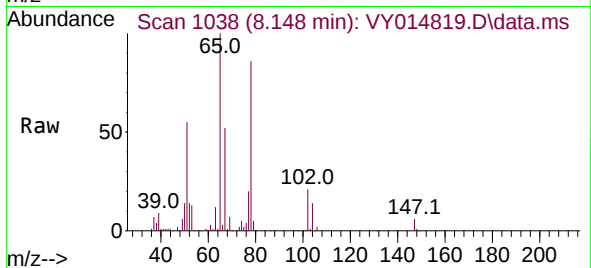
67 52.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

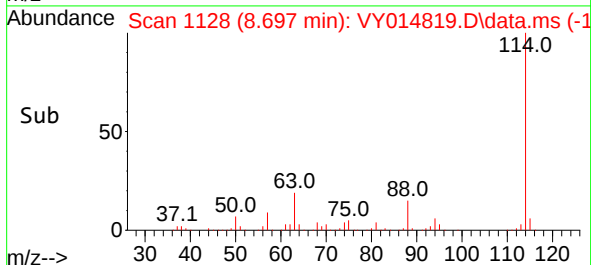
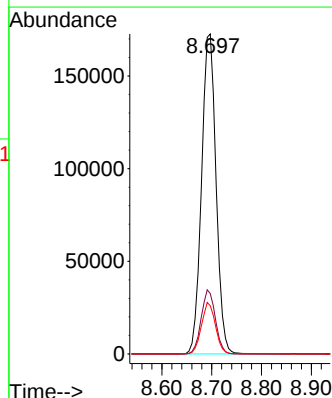
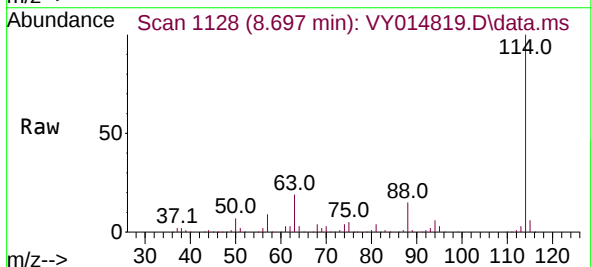
Tgt Ion:114 Resp: 348113

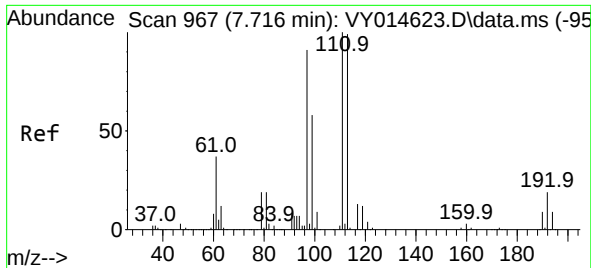
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

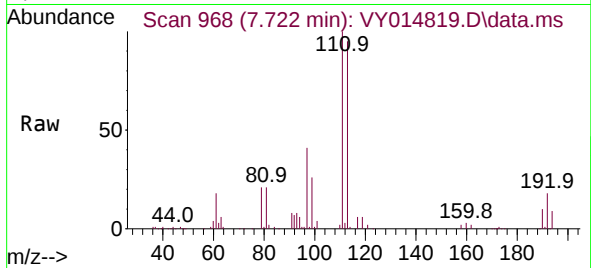
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.970 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

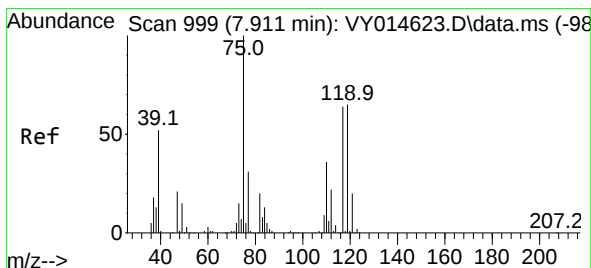
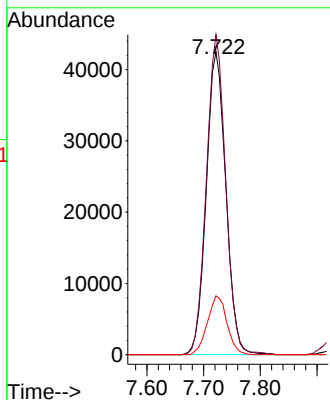
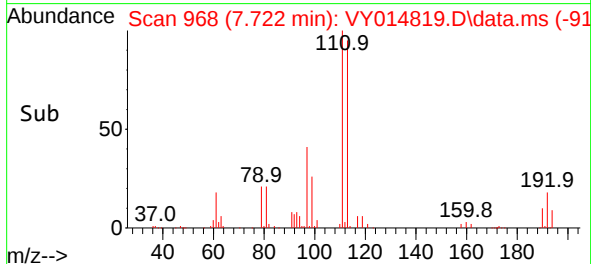
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion:113 Resp: 101869
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 19.4 16.9 25.3

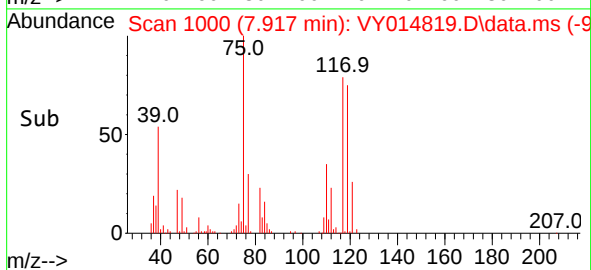
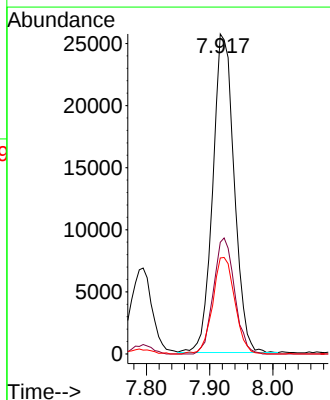
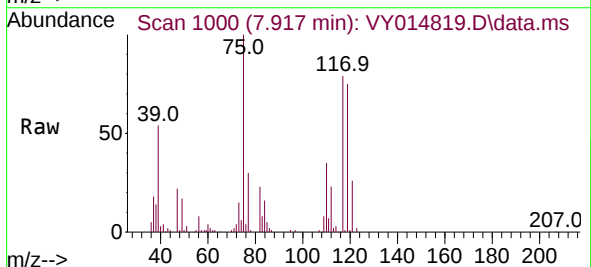
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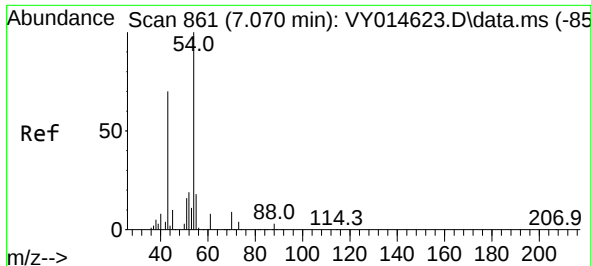
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#36
1,1-Dichloropropene
Concen: 18.148 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

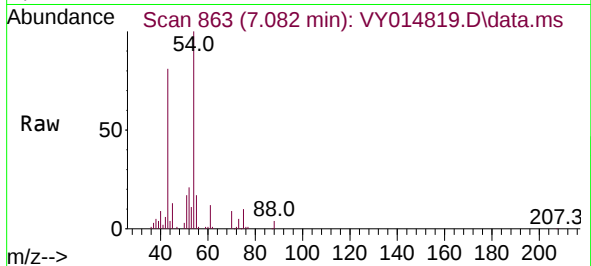
Tgt Ion: 75 Resp: 60142
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.5
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 20.287 ug/l
RT: 7.082 min Scan# 861
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

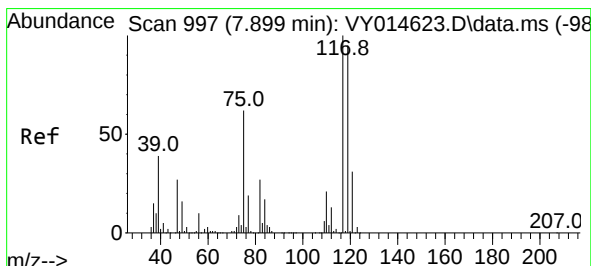
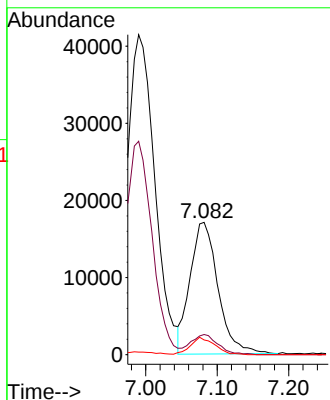
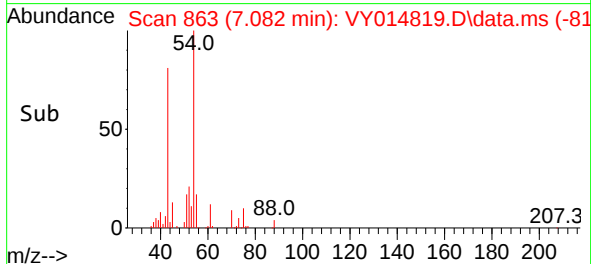
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 43 Resp: 46289
Ion Ratio Lower Upper
43 100
61 15.3 10.1 15.1
70 11.4 7.1 10.7

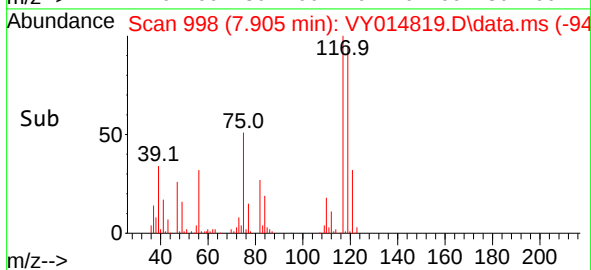
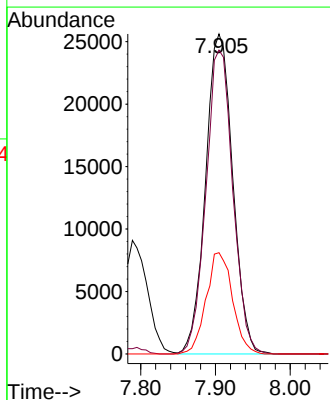
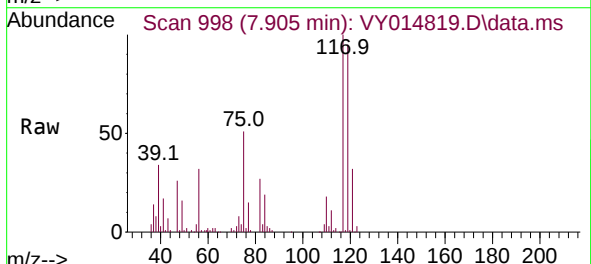
Manual Integrations
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Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#38
Carbon Tetrachloride
Concen: 18.456 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

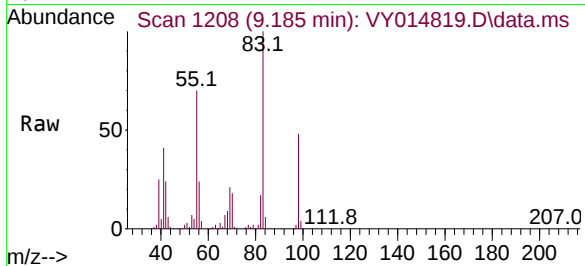
Tgt Ion:117 Resp: 64653
Ion Ratio Lower Upper
117 100
119 94.9 76.4 114.6
121 31.7 25.8 38.6





#39
Methylcyclohexane
Concen: 17.009 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

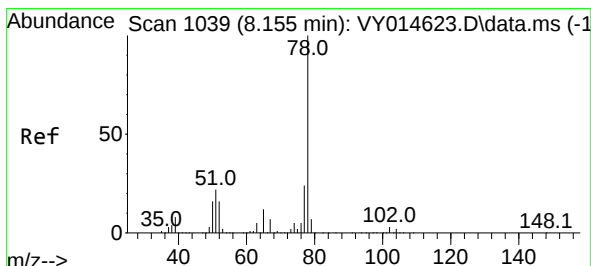
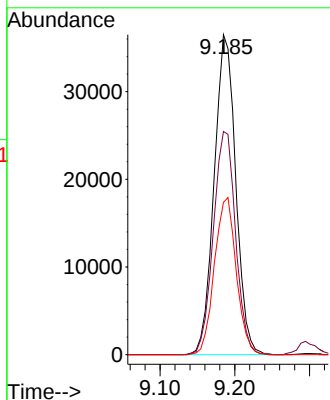
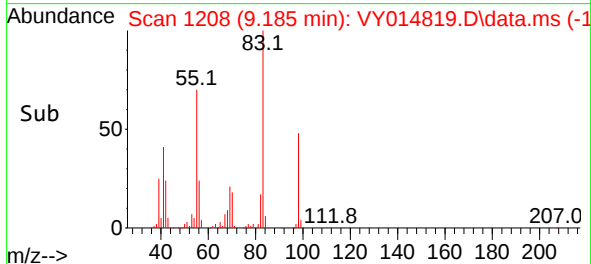
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 83 Resp: 7343
Ion Ratio Lower Upper
83 100
55 69.8 63.0 94.4
98 47.6 37.4 56.2

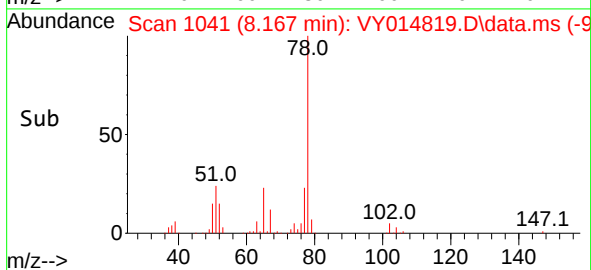
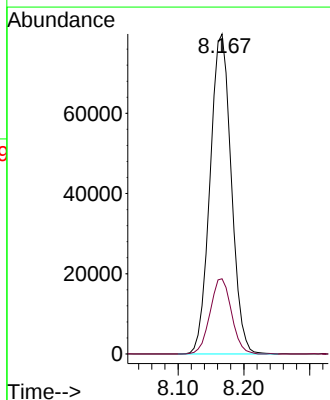
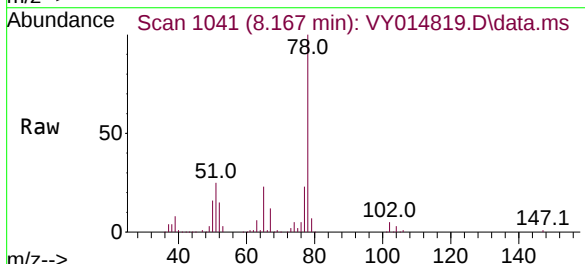
Manual Integrations
APPROVED

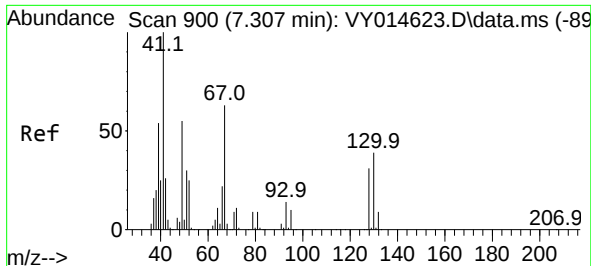
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#40
Benzene
Concen: 18.999 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

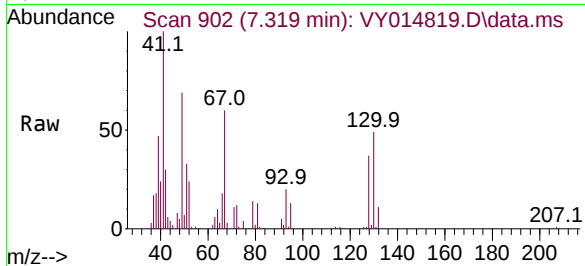
Tgt Ion: 78 Resp: 179068
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.103 ug/l m
RT: 7.319 min Scan# 900
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

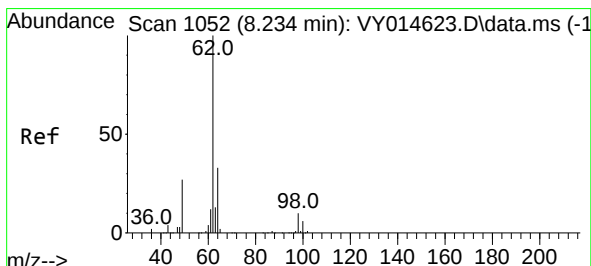
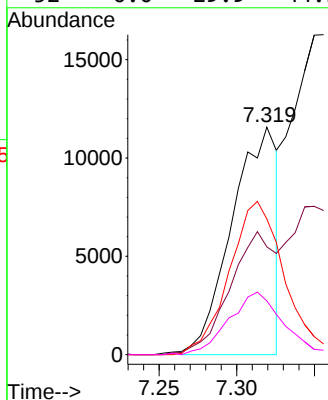
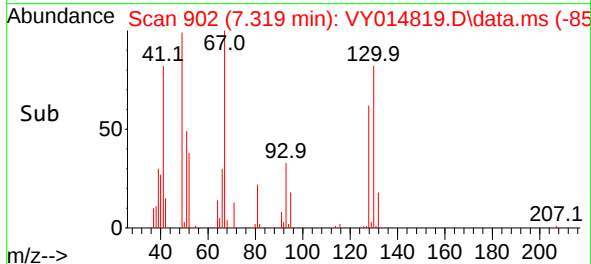
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 41 Resp: 2359
Ion Ratio Lower Upper
41 100
39 86.7 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

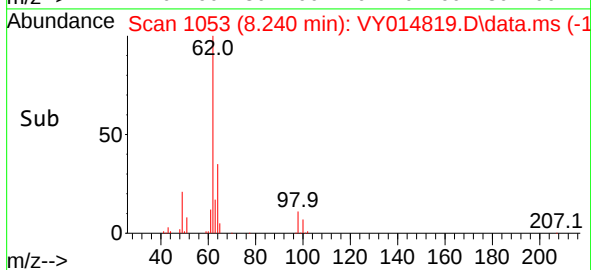
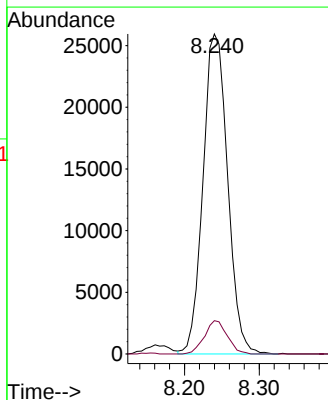
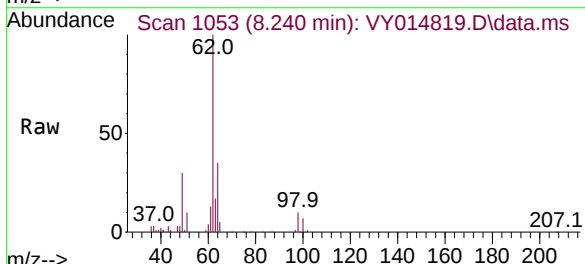
Manual Integrations
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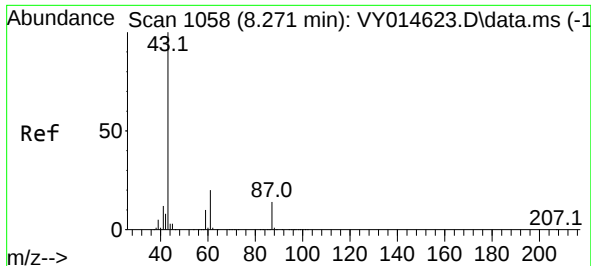
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#42
1,2-Dichloroethane
Concen: 19.906 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

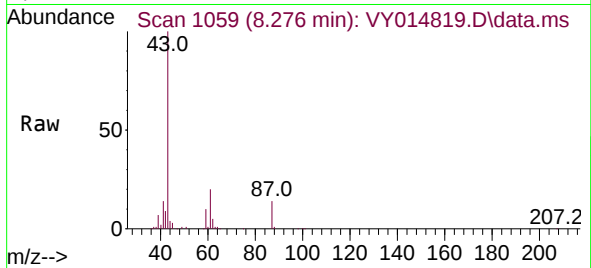
Tgt Ion: 62 Resp: 59412
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.712 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.005 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

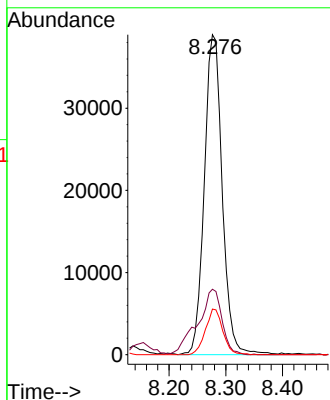
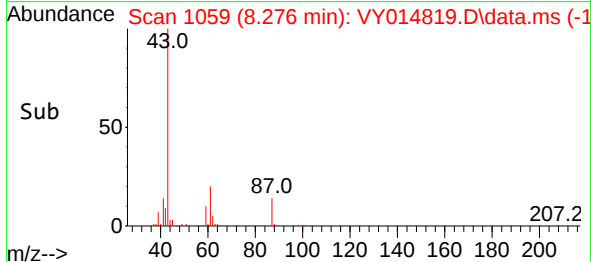
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 43 Resp: 85670
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 13.8 9.8 14.8

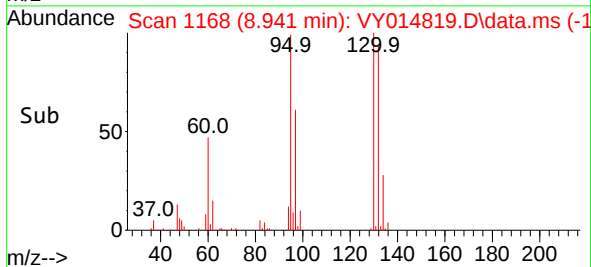
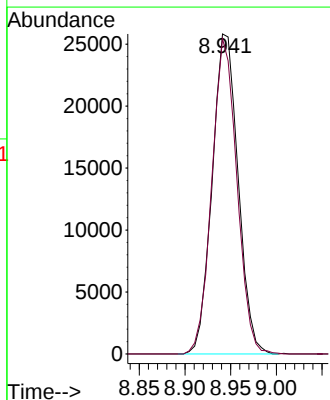
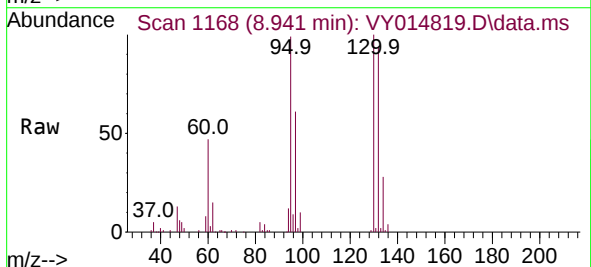
Manual Integrations
APPROVED

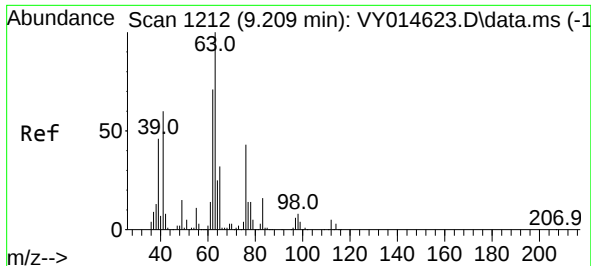
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#44
Trichloroethene
Concen: 19.296 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion:130 Resp: 50885
Ion Ratio Lower Upper
130 100
95 98.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.712 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion: 63 Resp: 46052

Ion Ratio Lower Upper

63 100

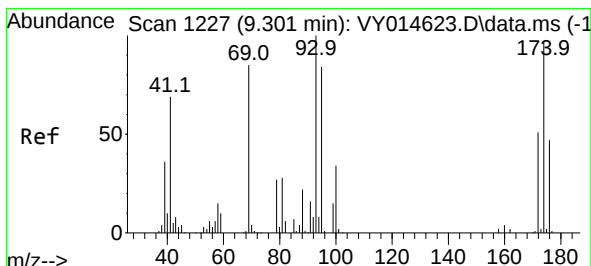
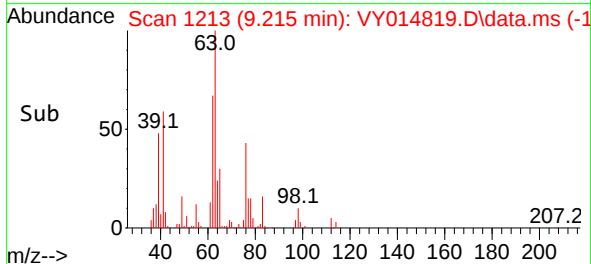
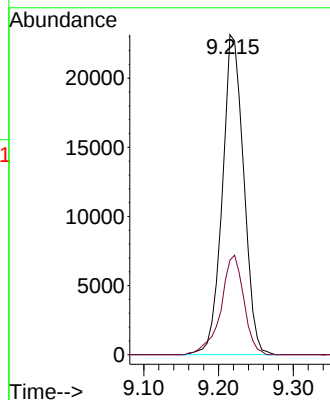
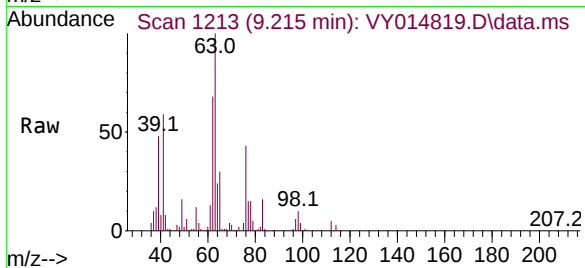
65 29.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#46

Dibromomethane

Concen: 20.332 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

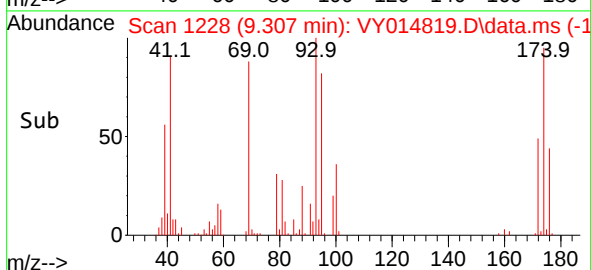
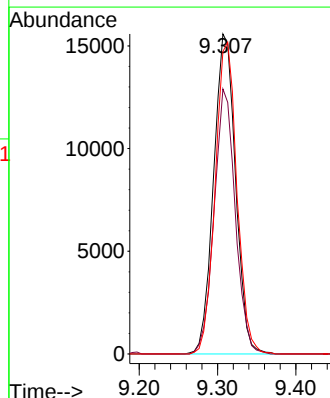
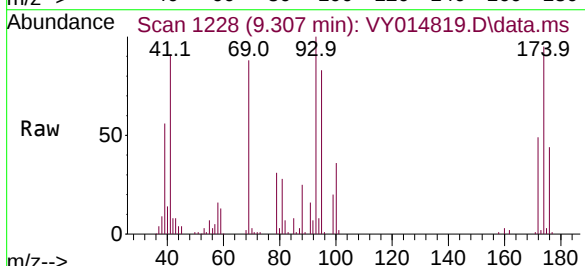
Tgt Ion: 93 Resp: 30356

Ion Ratio Lower Upper

93 100

95 79.7 66.6 100.0

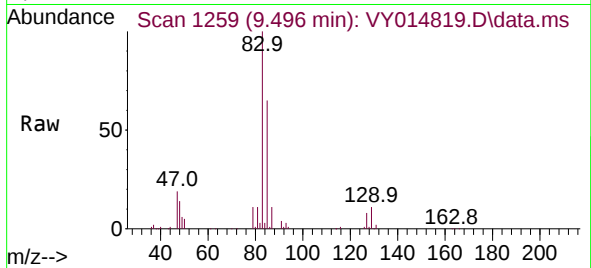
174 96.3 84.8 127.2





#47
Bromodichloromethane
Concen: 19.000 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

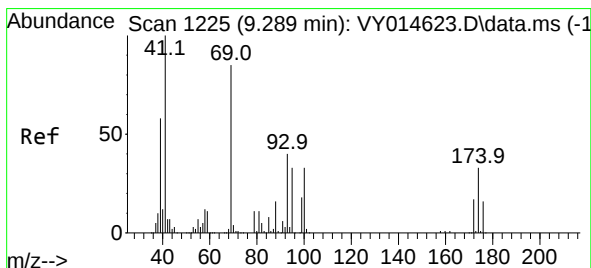
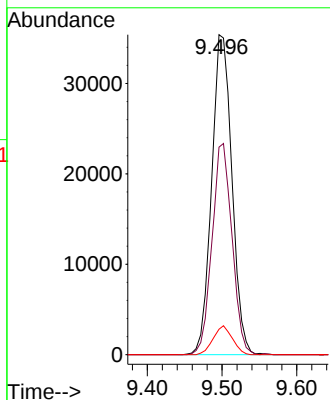
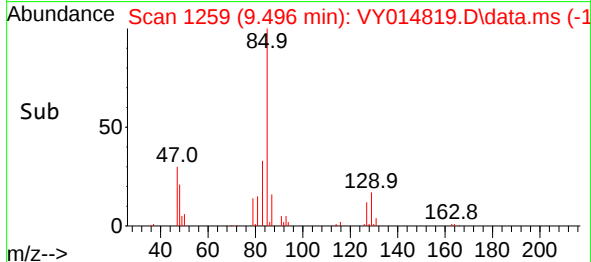
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD02



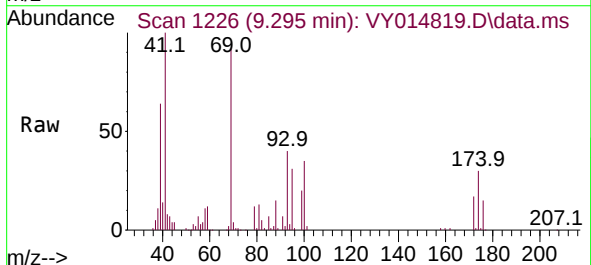
Tgt Ion: 83 Resp: 66860
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 7.9 7.1 10.7

Manual Integrations
APPROVED

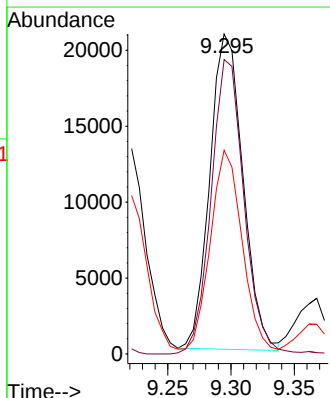
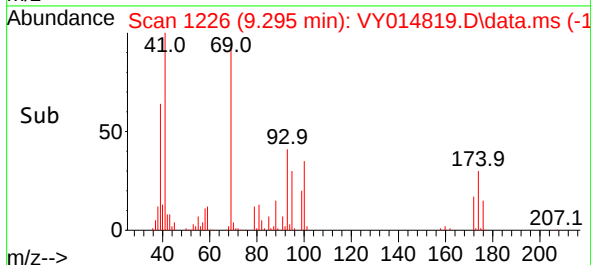
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

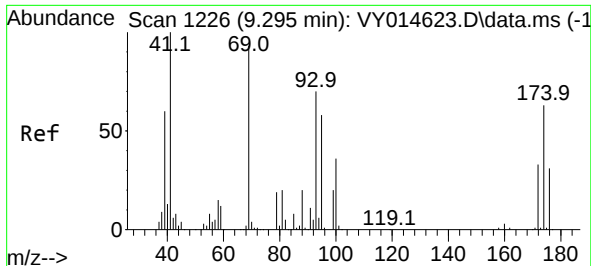


#48
Methyl methacrylate
Concen: 19.325 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



Tgt Ion: 41 Resp: 37795
Ion Ratio Lower Upper
41 100
69 93.0 64.5 96.7
39 63.2 50.8 76.2





#49

1,4-Dioxane

Concen: 401.846 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

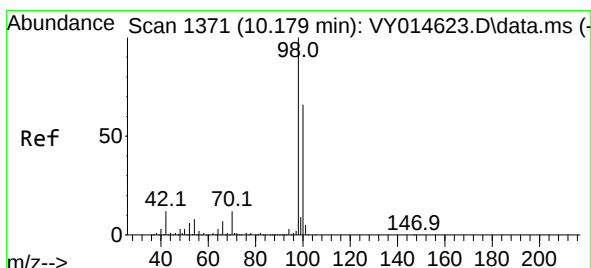
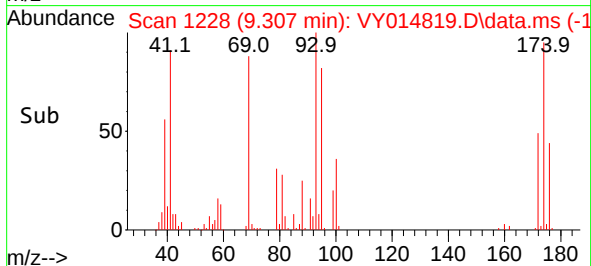
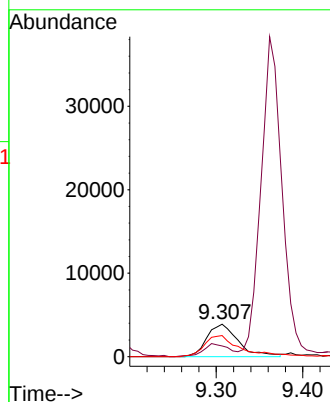
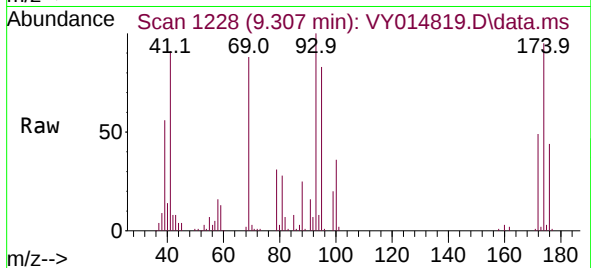
Tgt Ion: 88 Resp: 978

Ion	Ratio	Lower	Upper
88	100		
43	33.4	0.0	0.0
58	75.8	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#50

Toluene-d8

Concen: 45.205 ug/l

RT: 10.185 min Scan# 1372

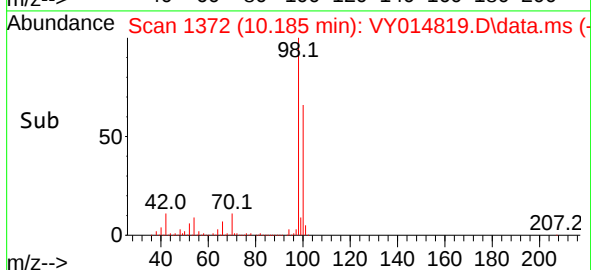
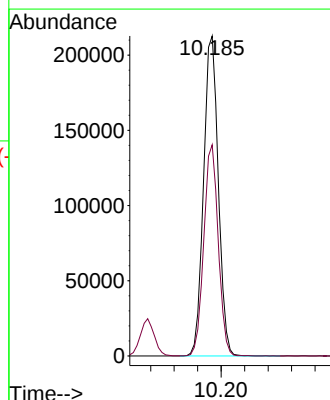
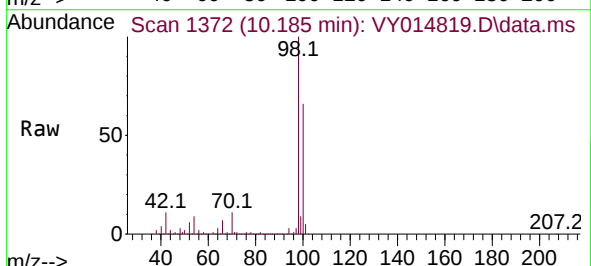
Delta R.T. 0.006 min

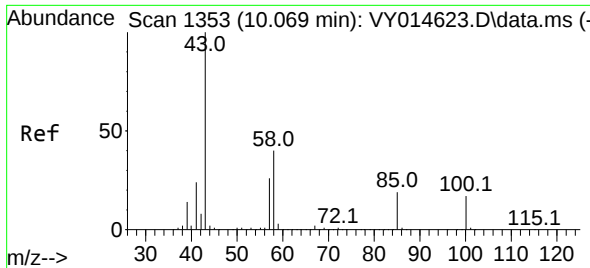
Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion: 98 Resp: 369322

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.1	75.1





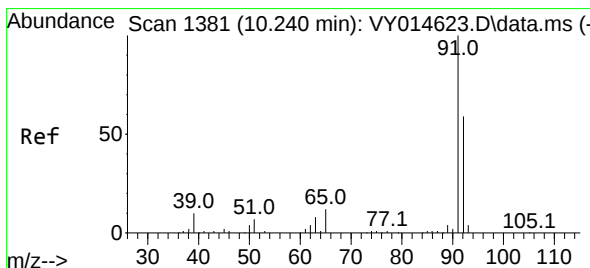
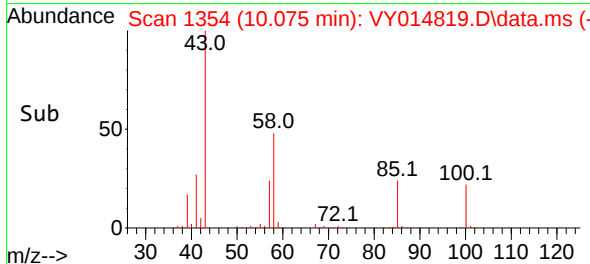
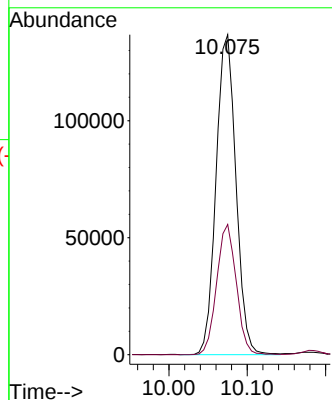
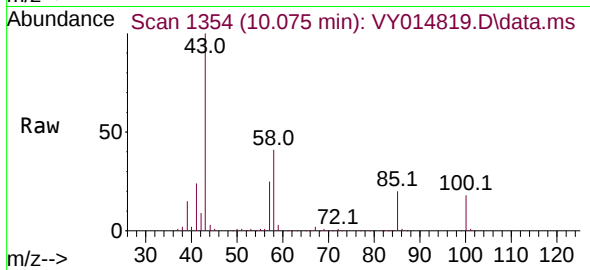
#51
4-Methyl-2-Pentanone
Concen: 105.742 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion: 43 Resp: 241300
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6

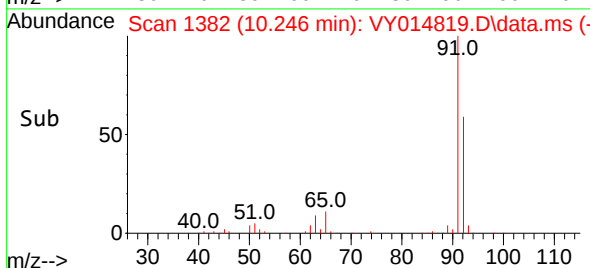
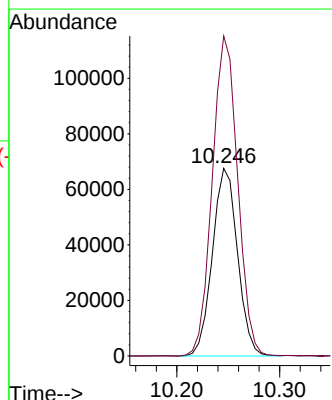
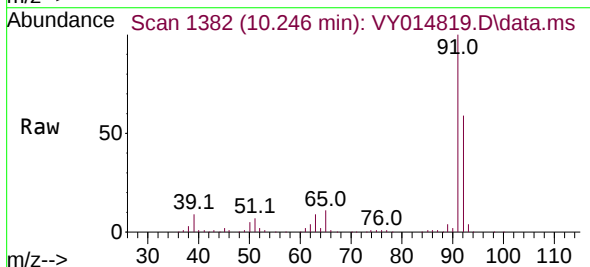
Manual Integrations
APPROVED

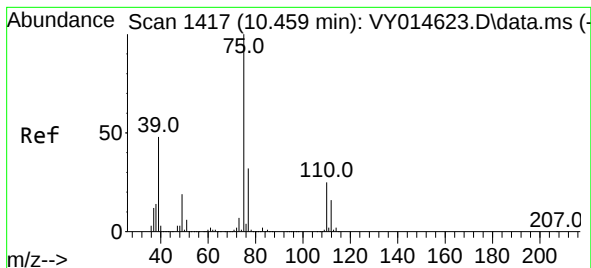
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#52
Toluene
Concen: 18.996 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 92 Resp: 114568
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6





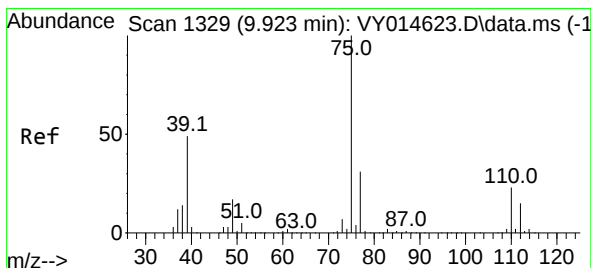
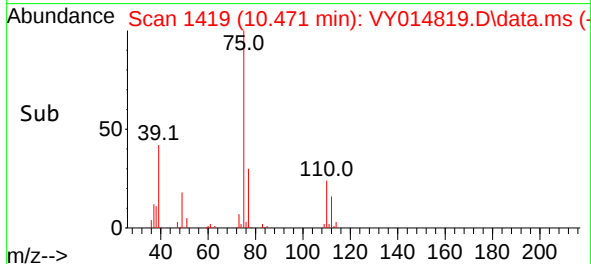
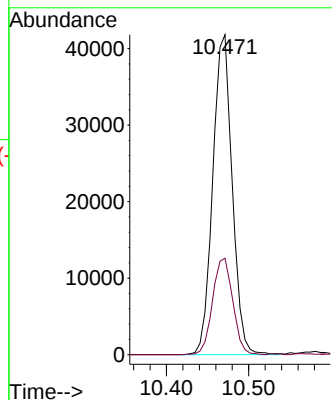
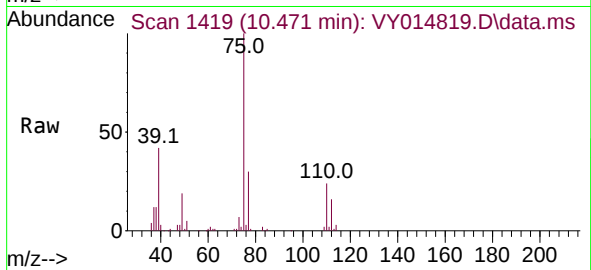
#53
t-1,3-Dichloropropene
Concen: 17.783 ug/l
RT: 10.471 min Scan# 1417
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion: 75 Resp: 68450
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4

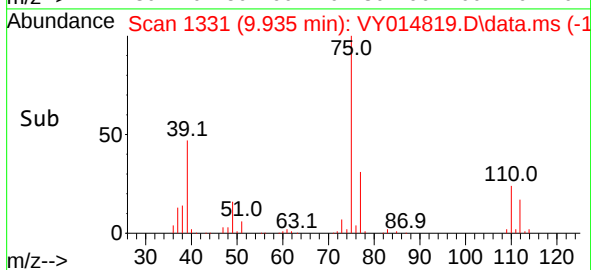
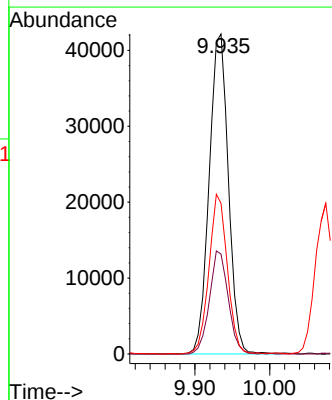
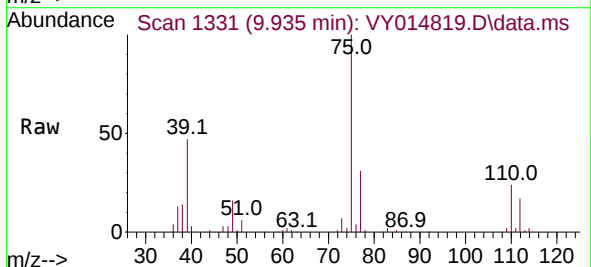
Manual Integrations
APPROVED

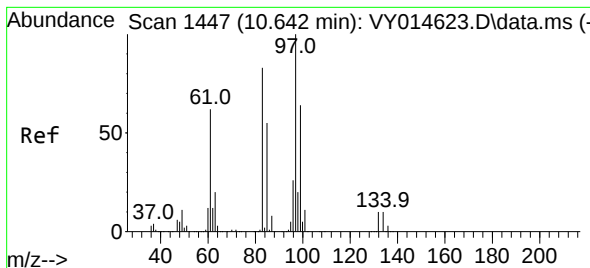
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#54
cis-1,3-Dichloropropene
Concen: 17.975 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.012 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

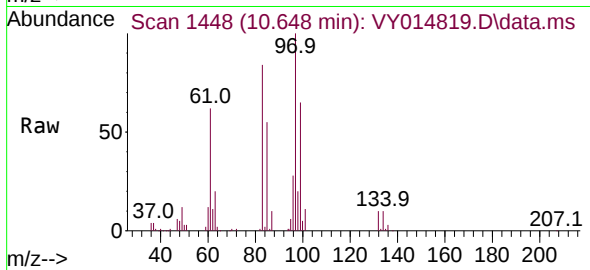
Tgt Ion: 75 Resp: 75241
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4
39 47.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.197 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

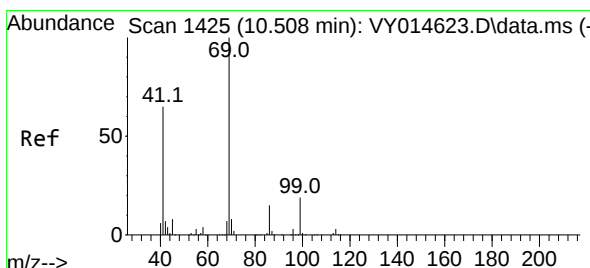
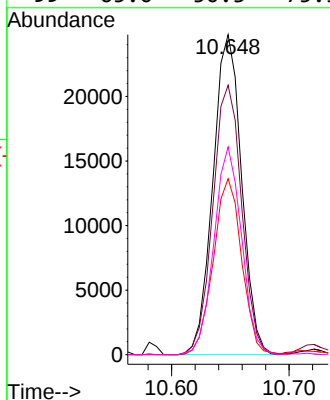
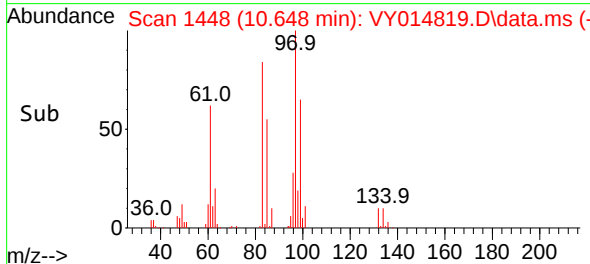
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD02



Tgt Ion:	97	Resp:	4200
Ion Ratio	100	Lower	Upper
97	100		
83	84.2	72.0	108.0
85	55.0	45.4	68.0
99	65.0	50.3	75.5

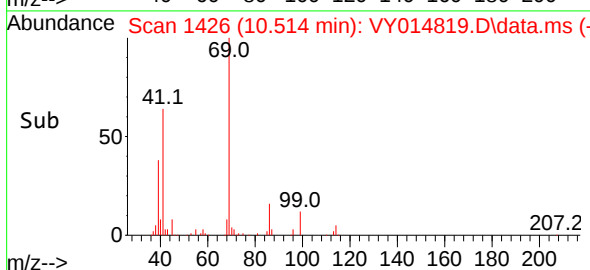
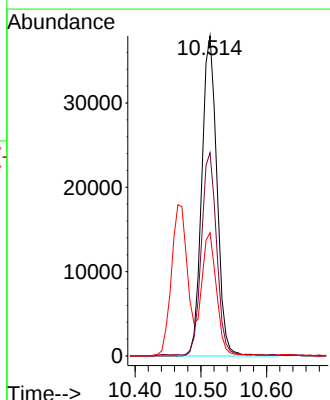
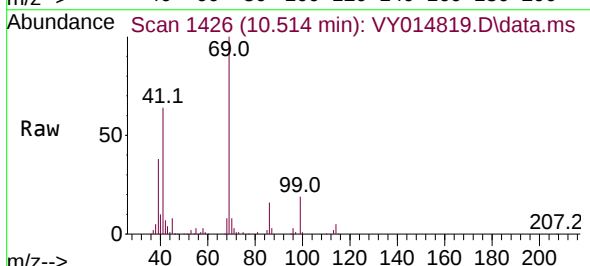
Manual Integrations
APPROVED

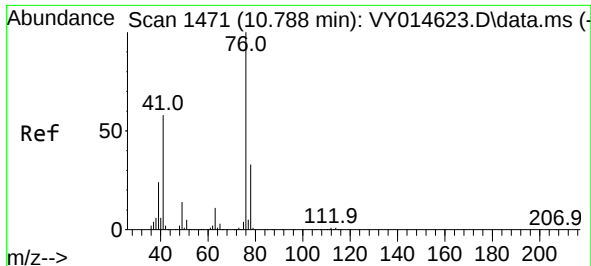
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#56
Ethyl methacrylate
Concen: 19.168 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion:	69	Resp:	60867
Ion Ratio	100	Lower	Upper
69	100		
41	63.1	57.6	86.4
39	37.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.887 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion: 76 Resp: 71330

Ion Ratio Lower Upper

76 100

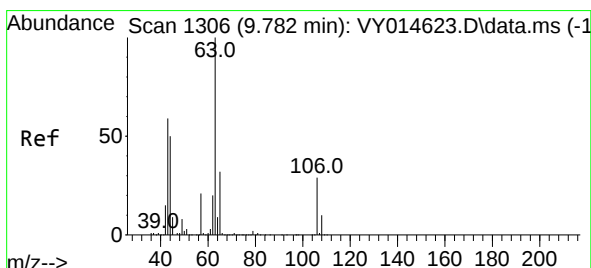
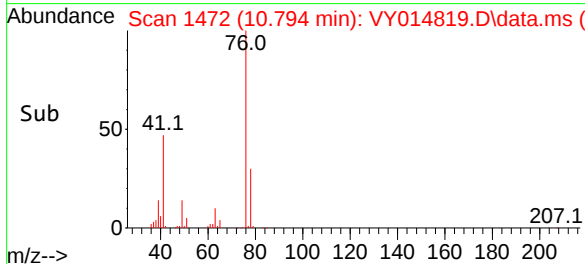
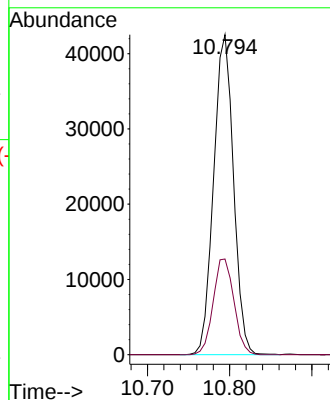
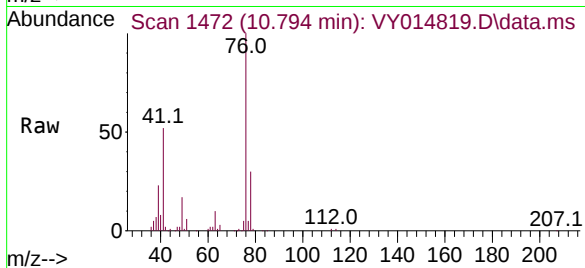
78 31.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.079 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY014819.D

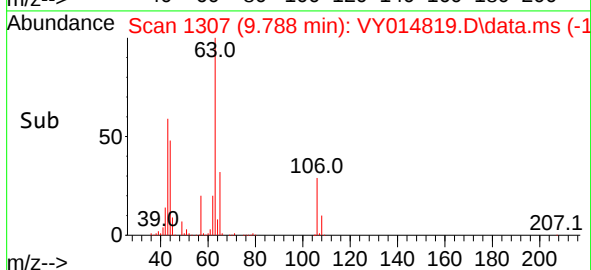
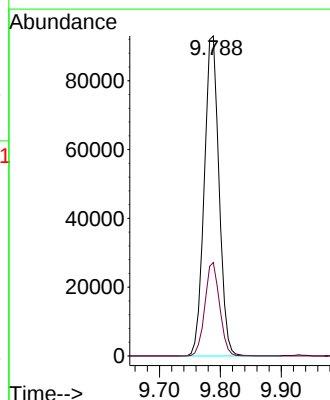
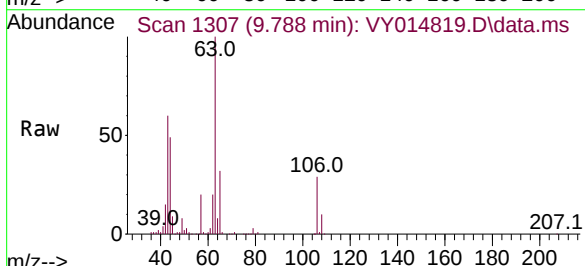
Acq: 25 Jul 2023 22:49

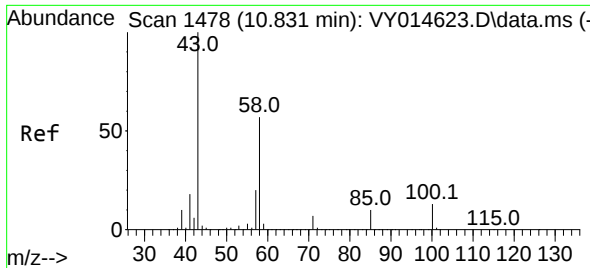
Tgt Ion: 63 Resp: 156950

Ion Ratio Lower Upper

63 100

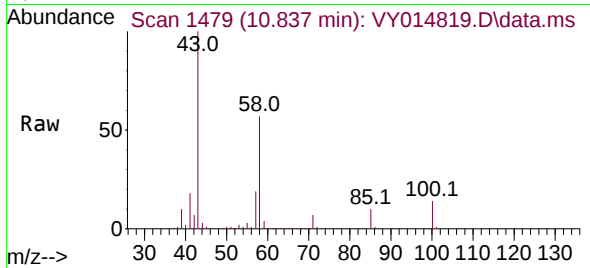
106 29.1 21.2 31.8





#59
2-Hexanone
Concen: 102.970 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

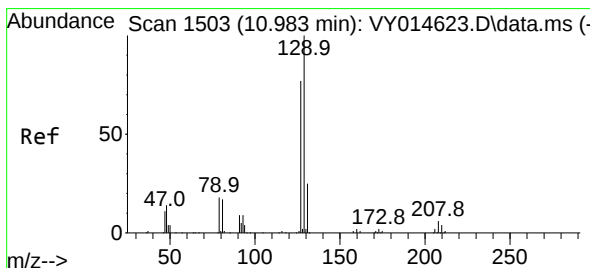
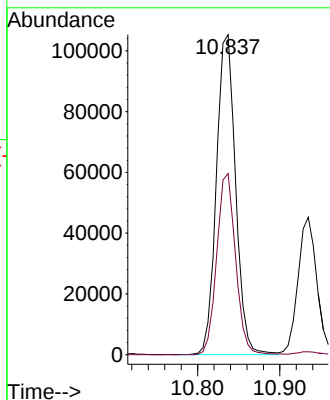
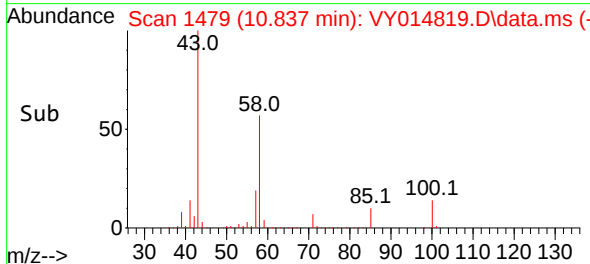
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 43 Resp: 17136
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3

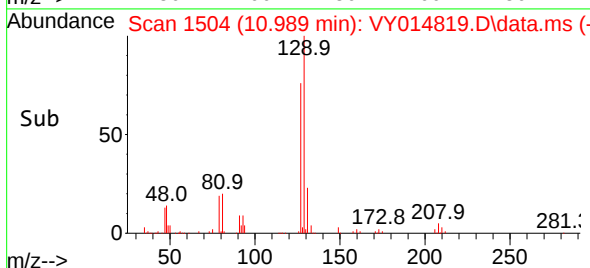
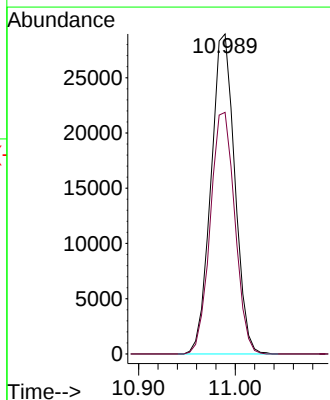
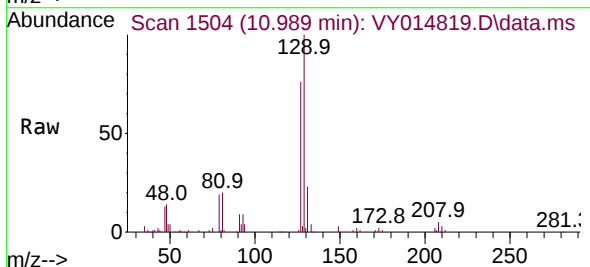
Manual Integrations
APPROVED

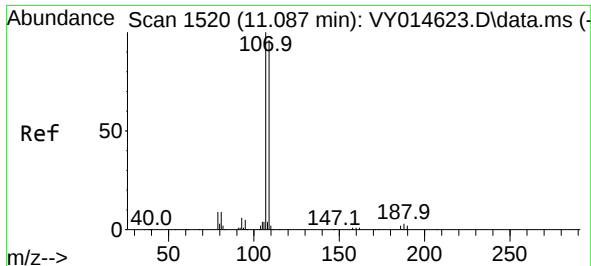
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#60
Dibromochloromethane
Concen: 19.395 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

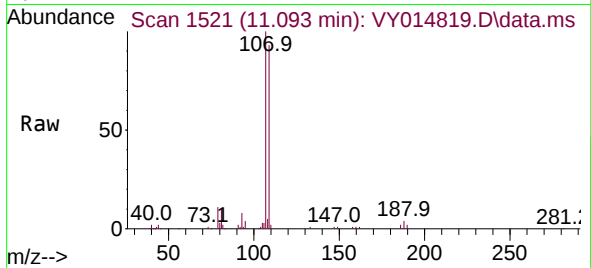
Tgt Ion:129 Resp: 49456
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.097 ug/l
RT: 11.093 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

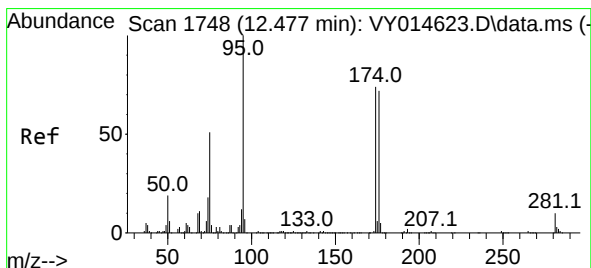
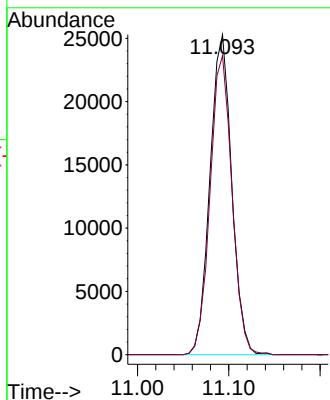
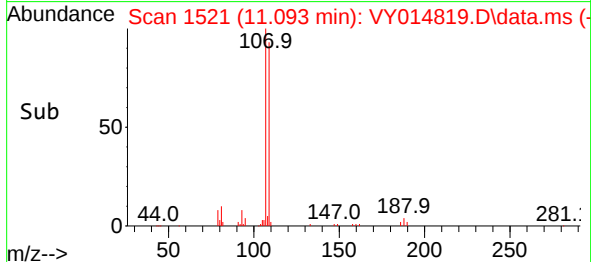
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



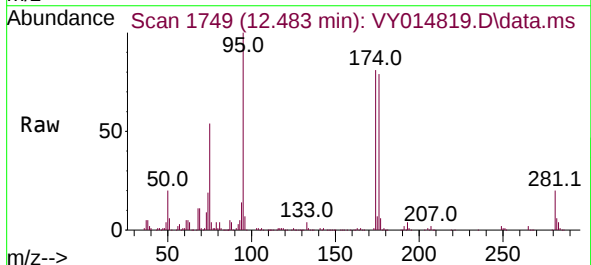
Tgt Ion:107 Resp: 4169
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

Manual Integrations
APPROVED

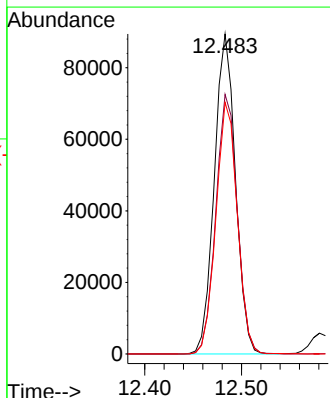
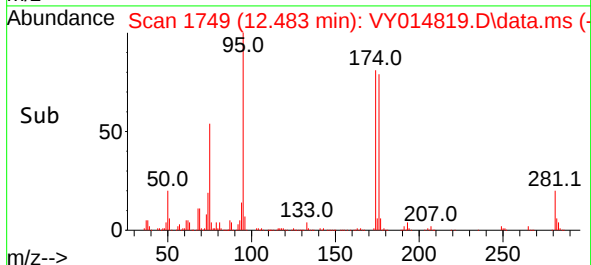
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

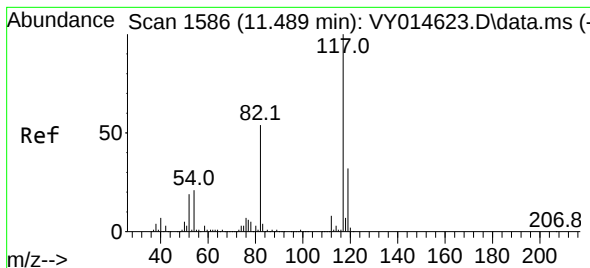


#62
4-Bromofluorobenzene
Concen: 43.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



Tgt Ion: 95 Resp: 135739
Ion Ratio Lower Upper
95 100
174 82.1 0.0 178.2
176 79.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

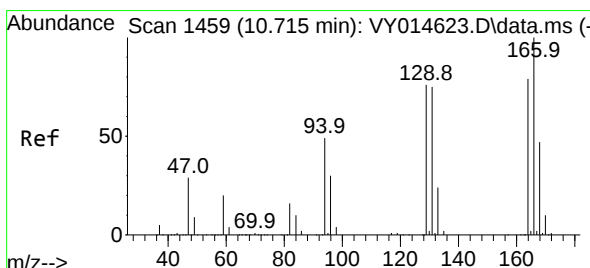
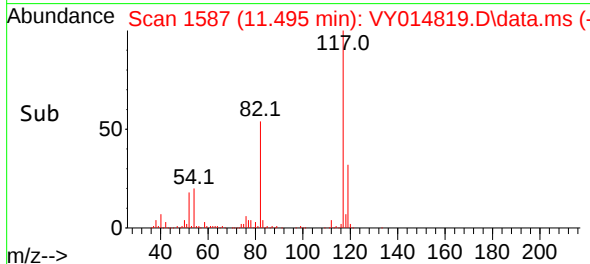
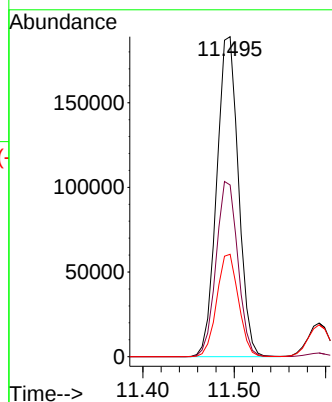
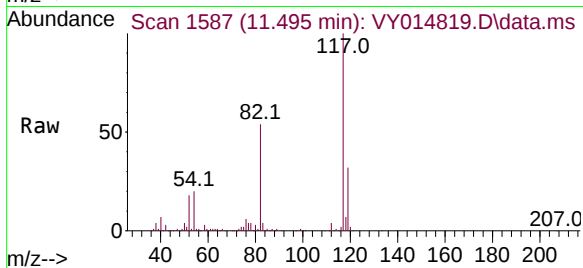
Tgt Ion:117 Resp: 31239

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.4	65.0
119	32.0	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#64

Tetrachloroethene

Concen: 20.806 ug/l

RT: 10.721 min Scan# 1460

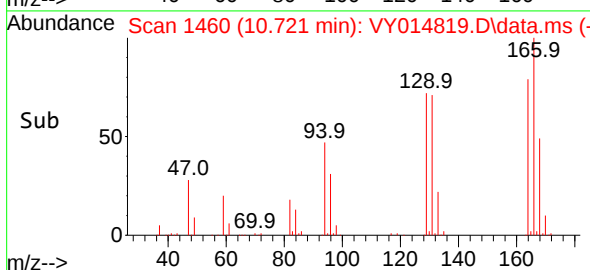
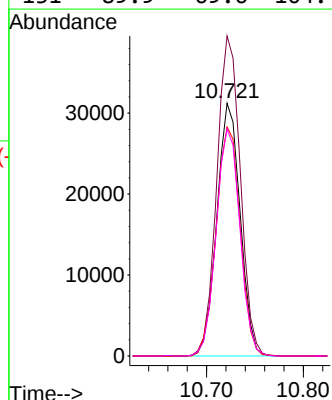
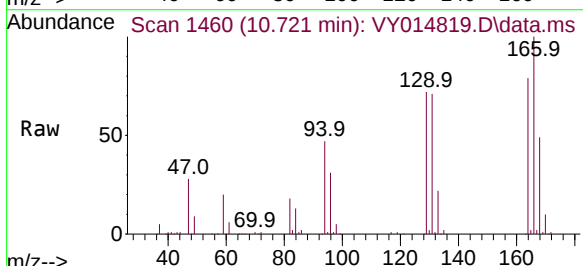
Delta R.T. 0.006 min

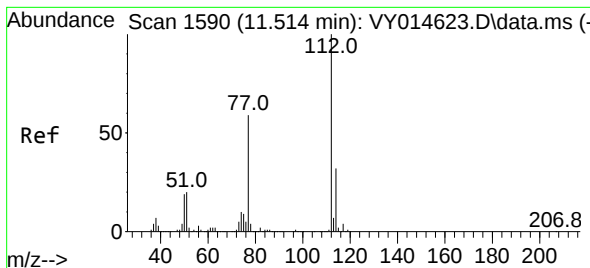
Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion:164 Resp: 52273

Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.0	154.6
129	90.7	77.2	115.8
131	89.9	69.6	104.4





#65

Chlorobenzene

Concen: 18.943 ug/l

RT: 11.520 min Scan# 1159

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion:112 Resp: 12610

Ion Ratio Lower Upper

112 100

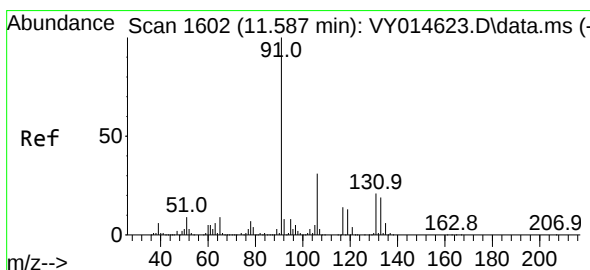
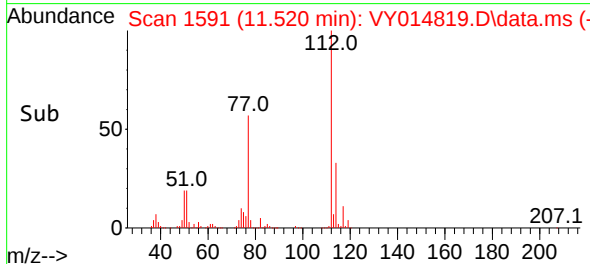
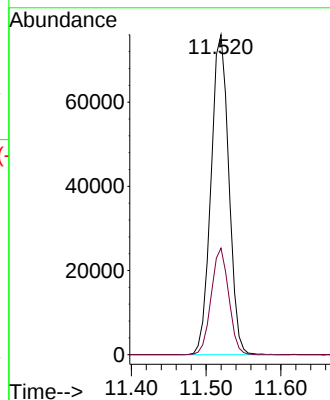
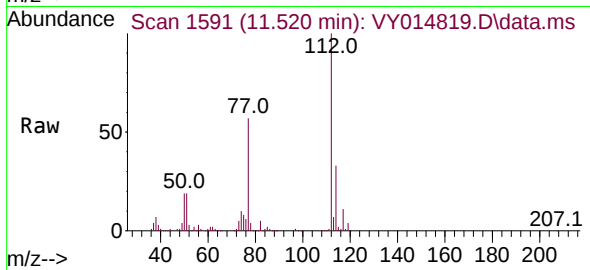
114 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 18.707 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

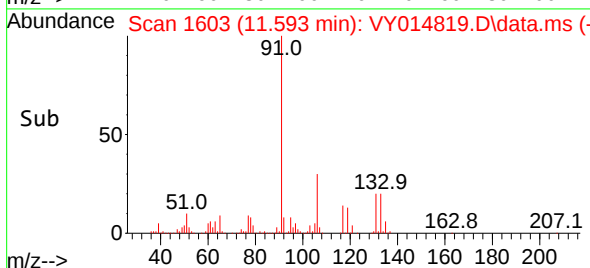
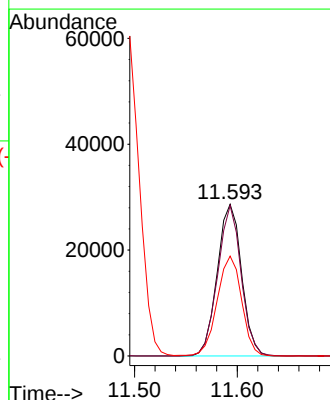
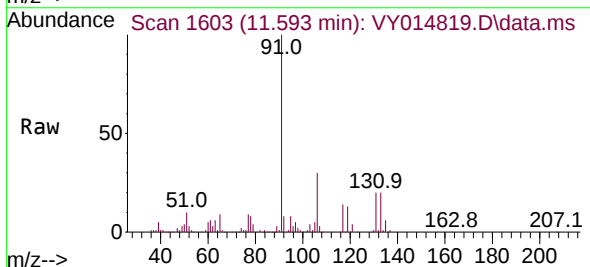
Tgt Ion:131 Resp: 46953

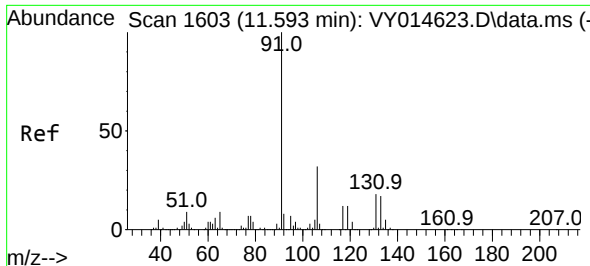
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 66.1 31.6 94.7





#67

Ethyl Benzene

Concen: 18.543 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion: 91 Resp: 222872

Ion Ratio Lower Upper

91 100

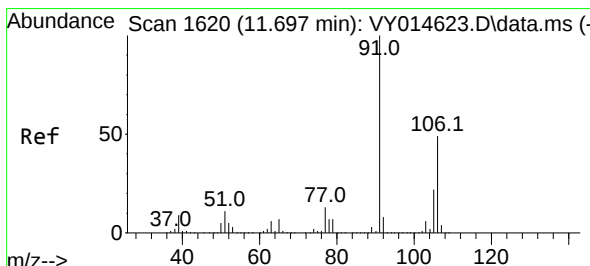
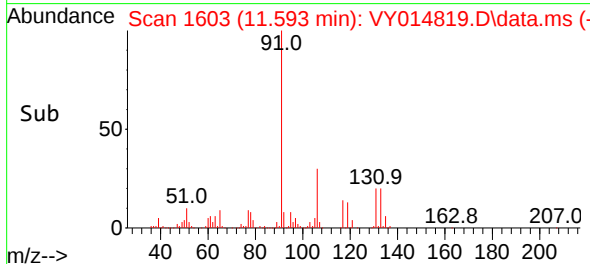
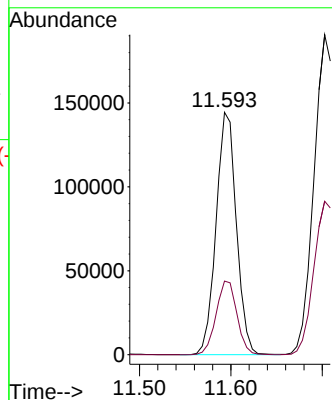
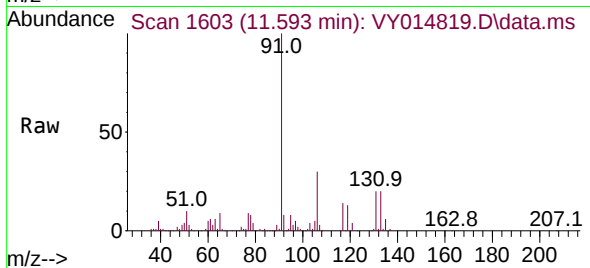
106 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#68

m/p-Xylenes

Concen: 36.677 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014819.D

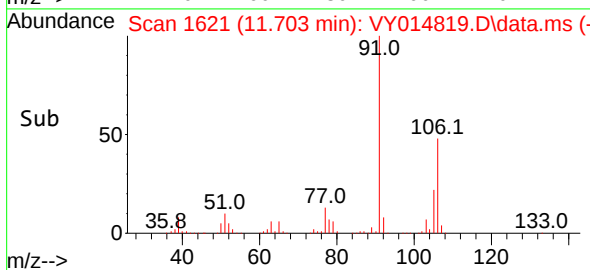
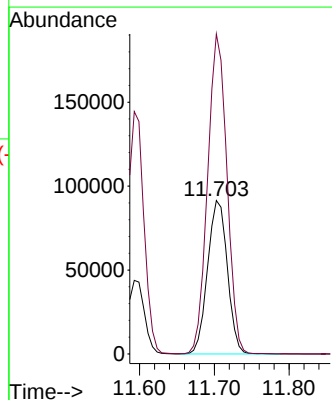
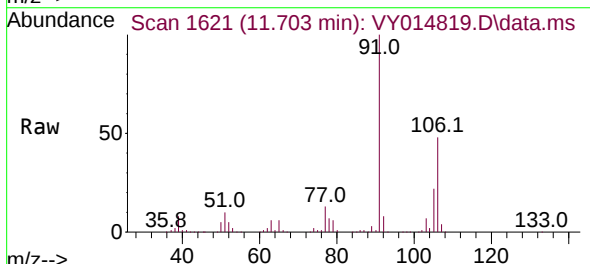
Acq: 25 Jul 2023 22:49

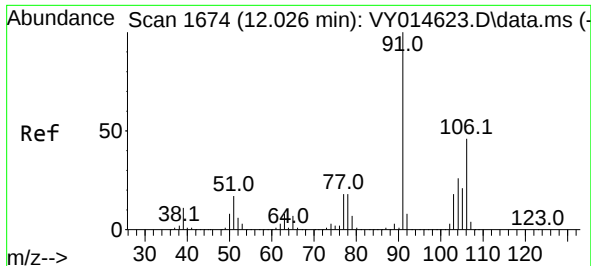
Tgt Ion:106 Resp: 168274

Ion Ratio Lower Upper

106 100

91 203.7 166.1 249.1





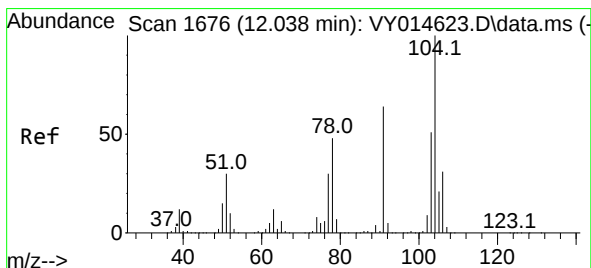
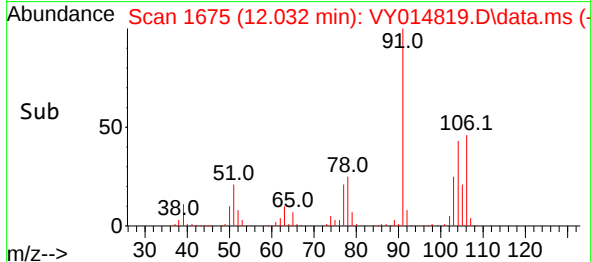
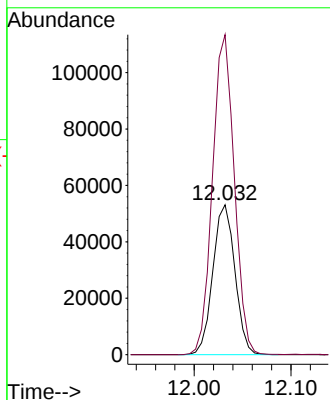
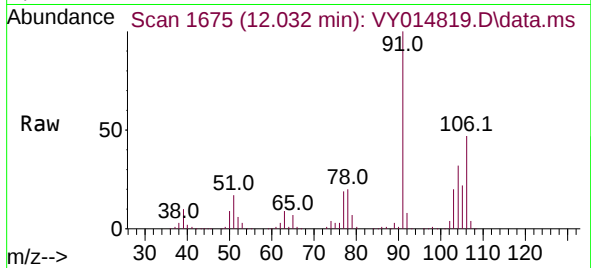
#69
o-Xylene
Concen: 18.807 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion:106 Resp: 8404
Ion Ratio Lower Upper
106 100
91 211.0 108.1 324.3

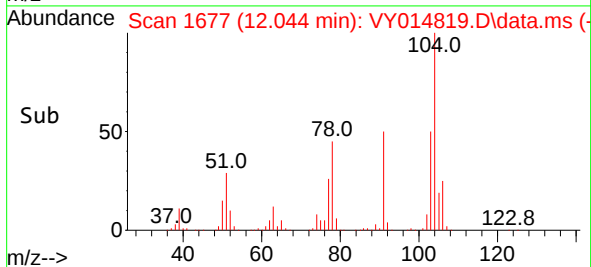
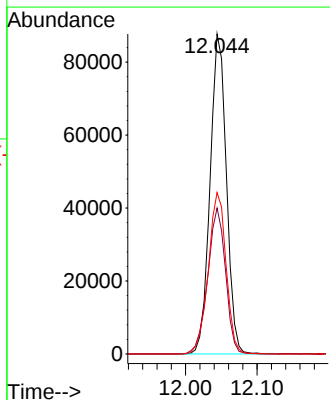
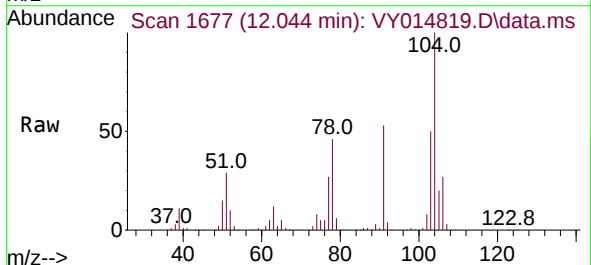
Manual Integrations
APPROVED

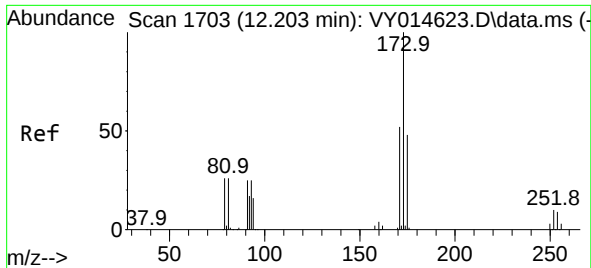
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#70
Styrene
Concen: 18.505 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

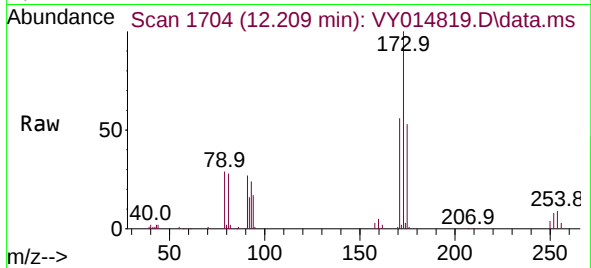
Tgt Ion:104 Resp: 139378
Ion Ratio Lower Upper
104 100
78 49.5 41.5 62.3
103 54.8 44.6 67.0





#71
Bromoform
Concen: 18.868 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

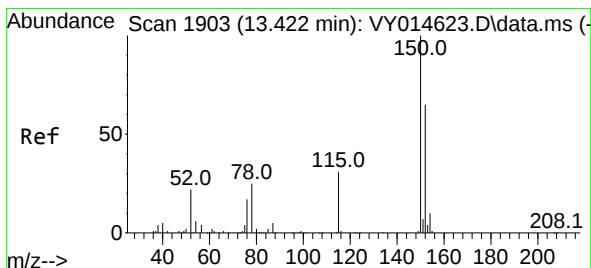
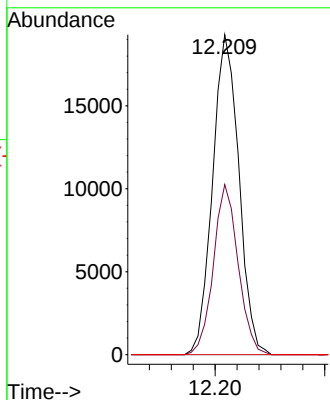
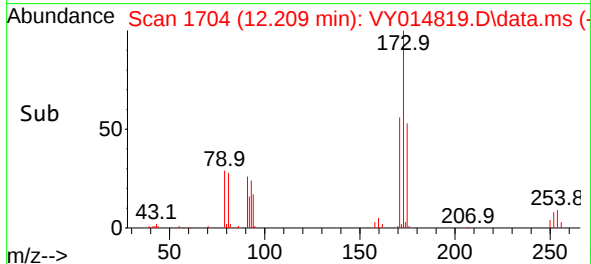
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD02



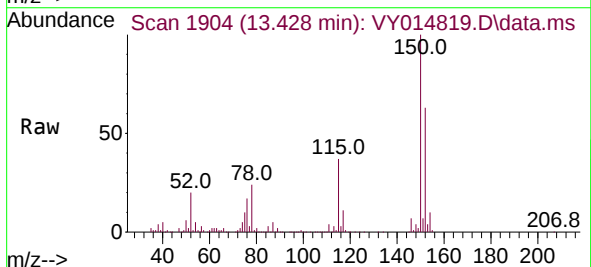
Tgt Ion:173 Resp: 32100
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
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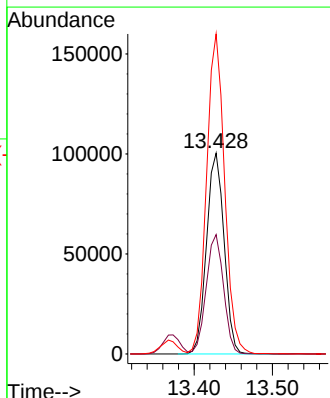
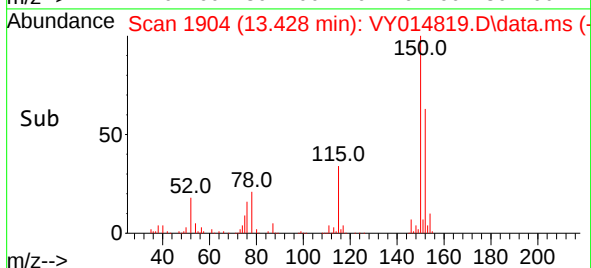
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

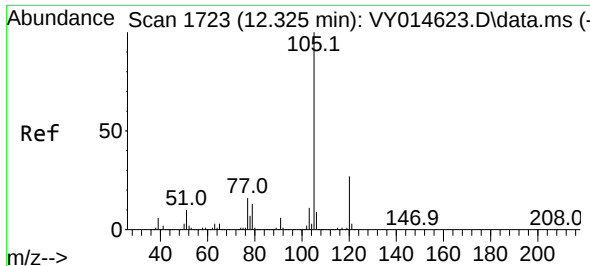


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



Tgt Ion:152 Resp: 156006
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 163.6 0.0 348.8





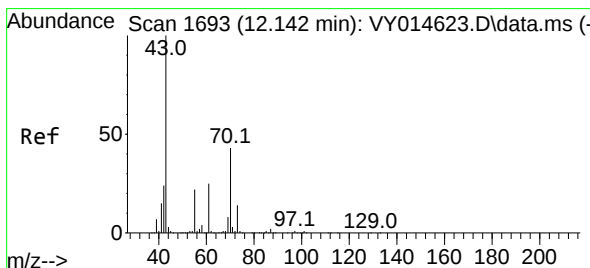
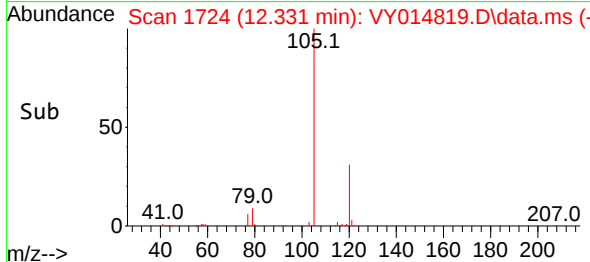
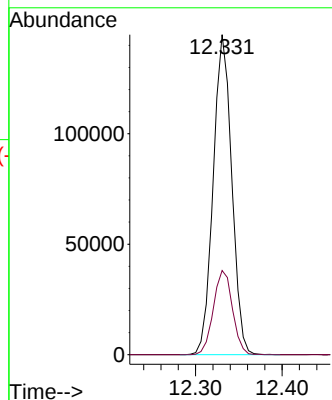
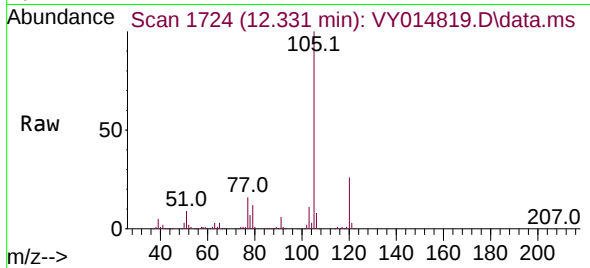
#73
Isopropylbenzene
Concen: 17.629 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion:105 Resp: 21534
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

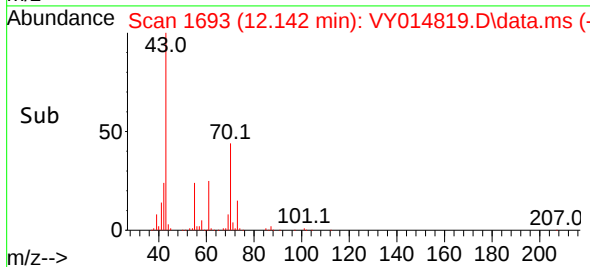
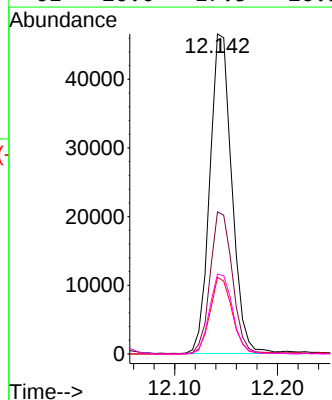
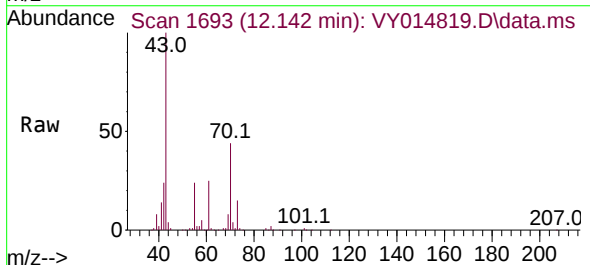
Manual Integrations
APPROVED

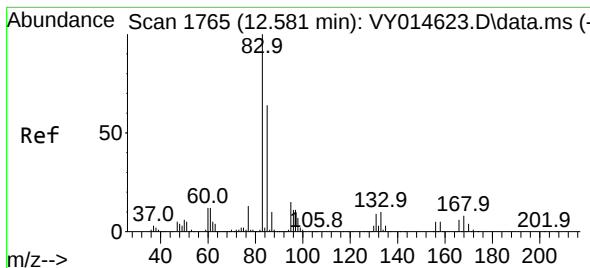
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#74
N-amy1 acetate
Concen: 16.990 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 43 Resp: 69507
Ion Ratio Lower Upper
43 100
70 45.4 29.7 44.5#
55 24.1 18.3 27.5
61 26.0 17.5 26.3





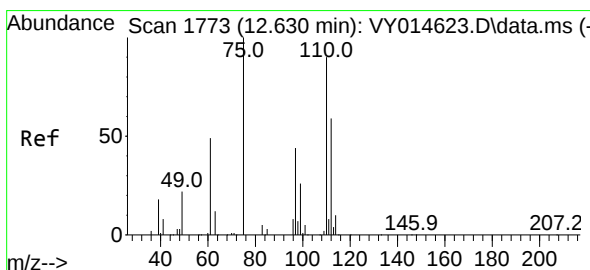
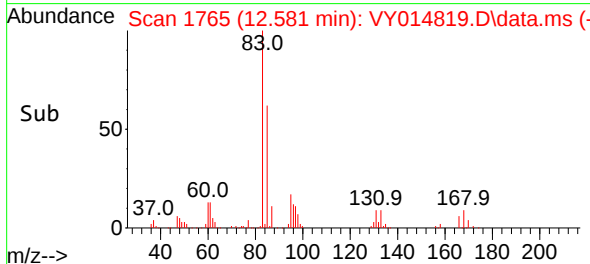
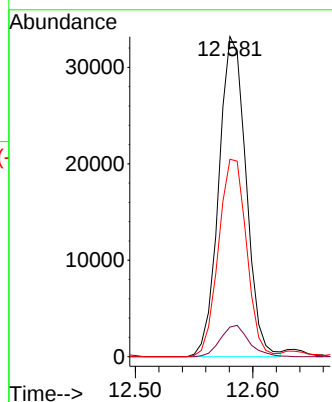
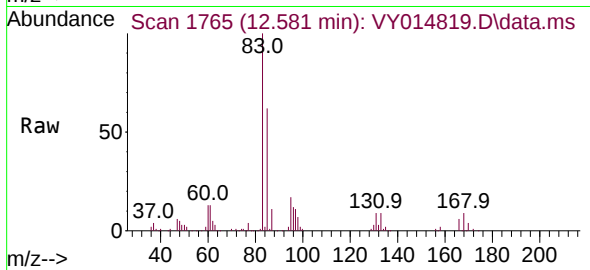
#75
1,1,2,2-Tetrachloroethane
Concen: 19.230 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion: 83 Resp: 53569
Ion Ratio Lower Upper
83 100
131 10.2 5.4 16.2
85 63.2 31.8 95.4

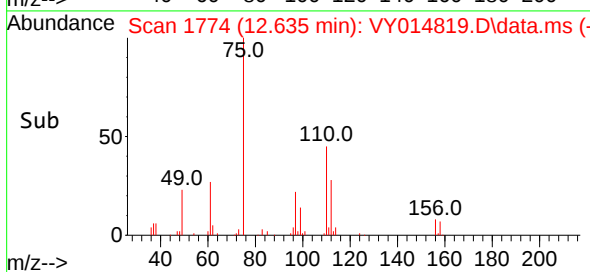
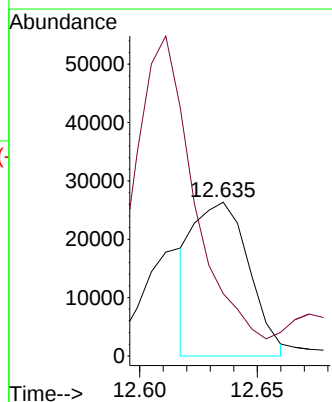
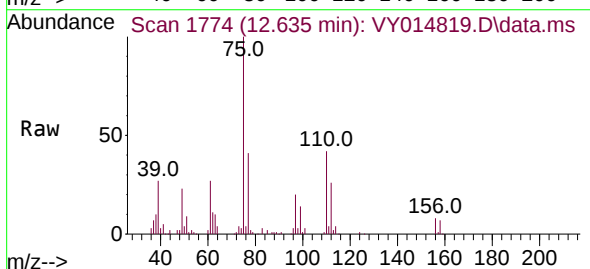
Manual Integrations
APPROVED

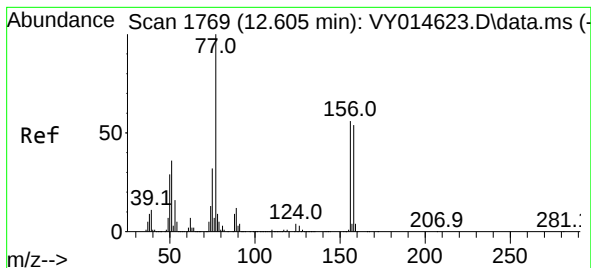
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#76
1,2,3-Trichloropropane
Concen: 21.948 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 75 Resp: 43245
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.840 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

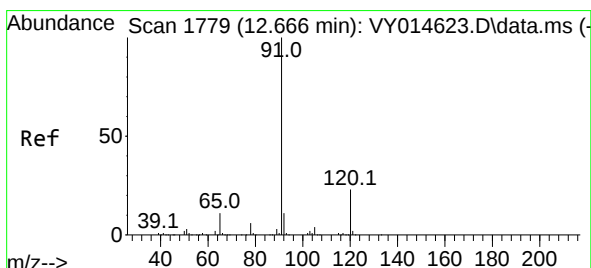
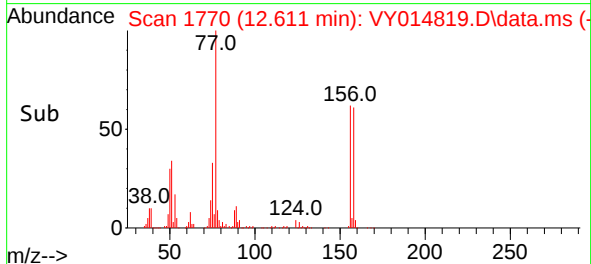
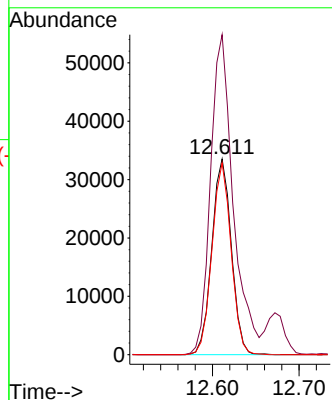
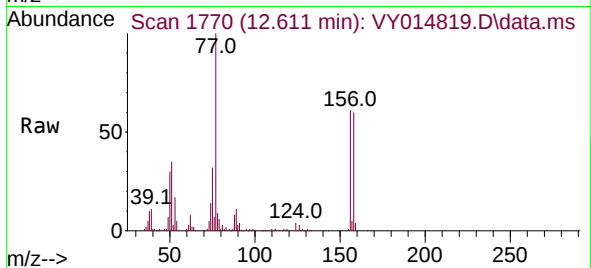
VY0725SBS02

Tgt Ion:	156	Resp:	52534
Ion Ratio	Lower	Upper	
156	100		
77	189.5	92.8	278.6
158	95.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#78

n-propylbenzene

Concen: 17.556 ug/l

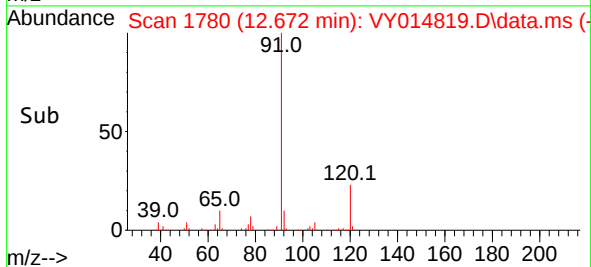
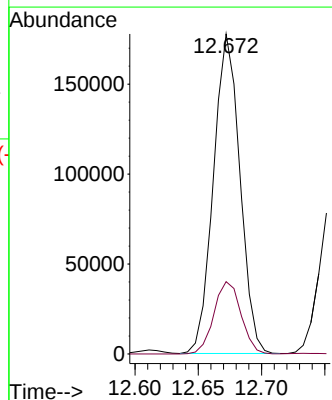
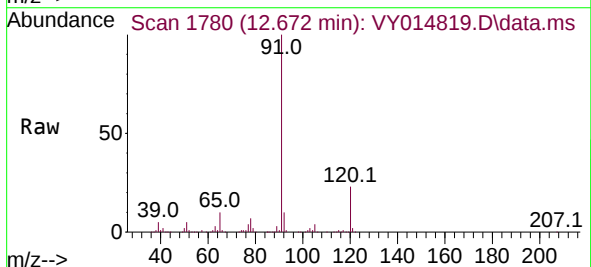
RT: 12.672 min Scan# 1780

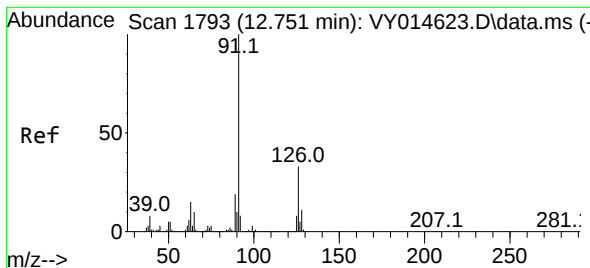
Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

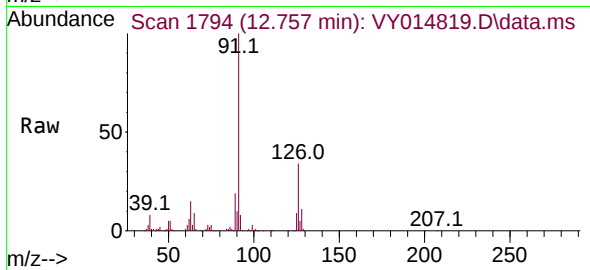
Tgt Ion:	91	Resp:	258421
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 17.682 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

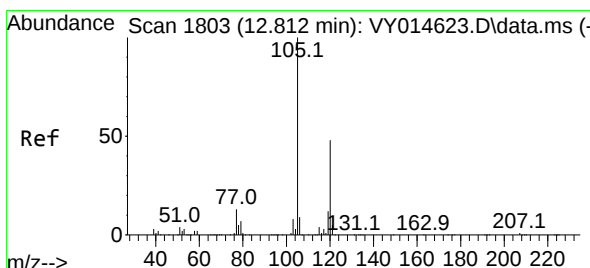
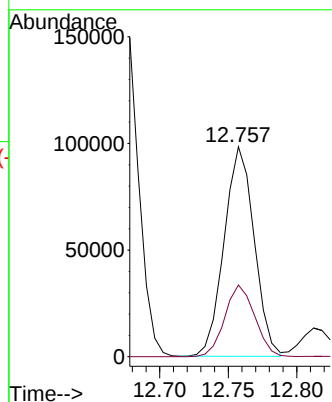
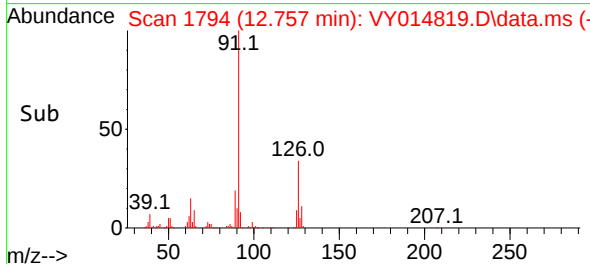
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



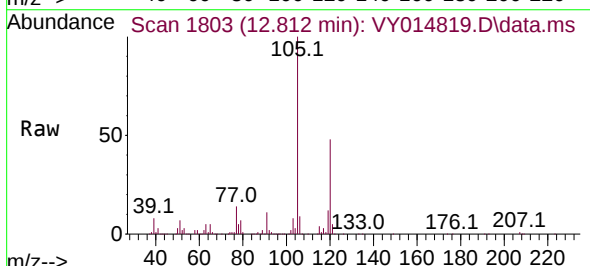
Tgt Ion: 91 Resp: 149912
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7

Manual Integrations
APPROVED

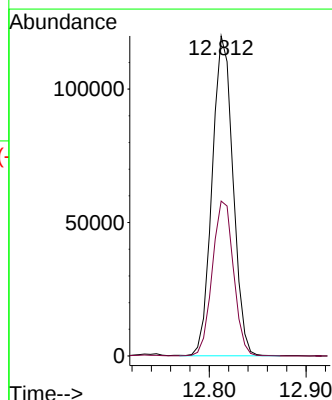
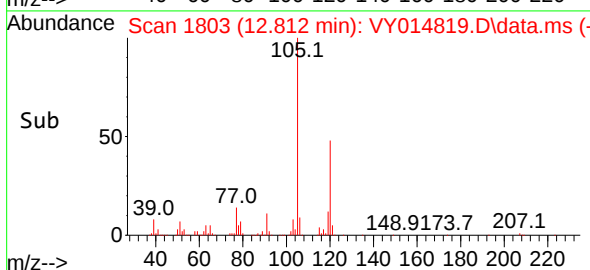
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

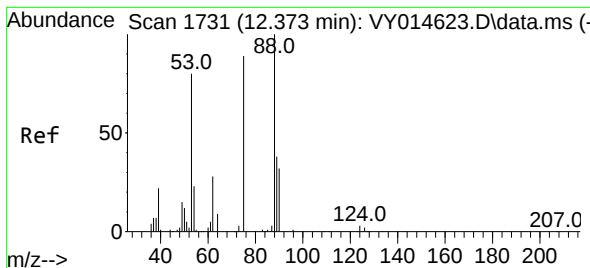


#80
1,3,5-Trimethylbenzene
Concen: 17.583 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



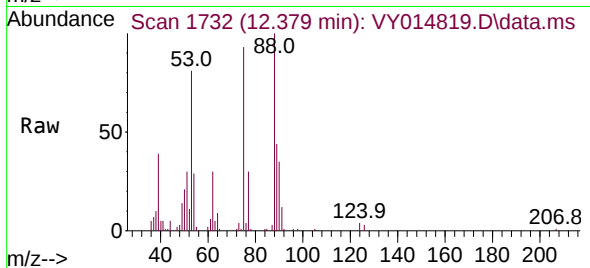
Tgt Ion:105 Resp: 179371
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 15.793 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

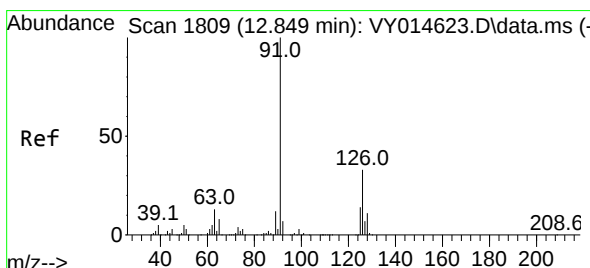
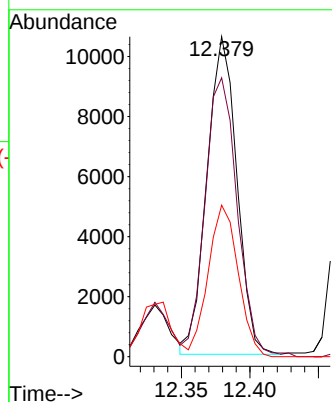
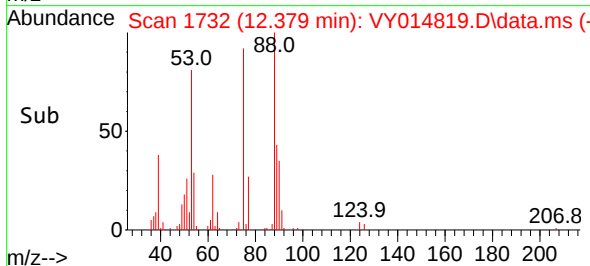
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
53 94.9 77.8 116.8
89 47.8 37.4 56.0

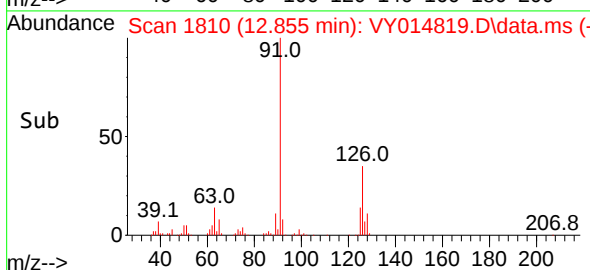
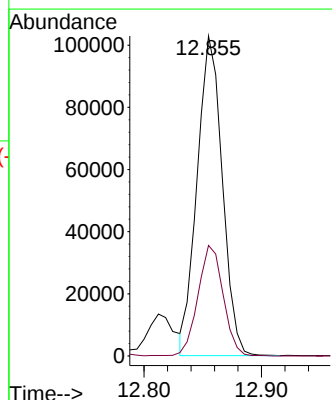
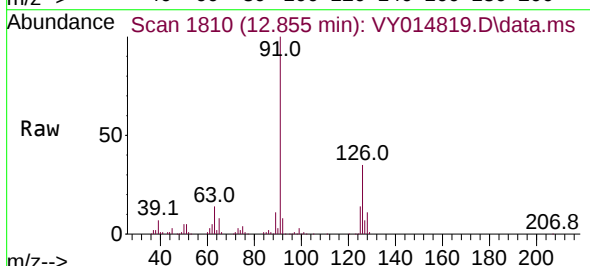
Manual Integrations
APPROVED

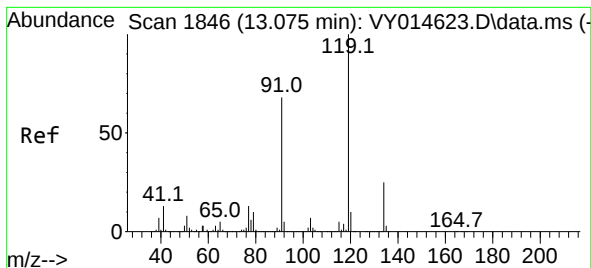
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#82
4-Chlorotoluene
Concen: 17.505 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 91 Resp: 152853
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 17.920 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

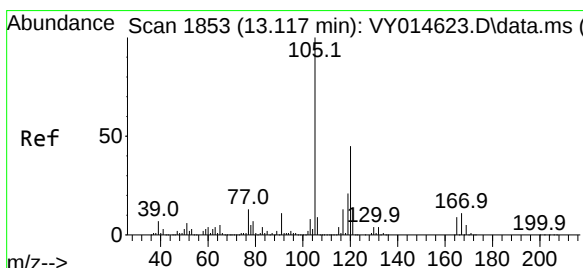
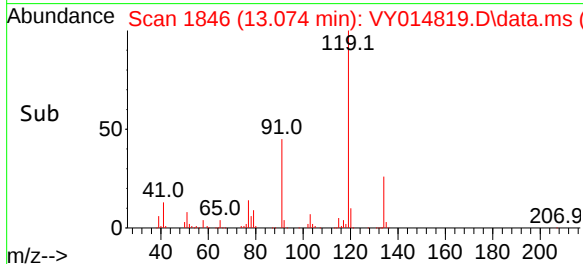
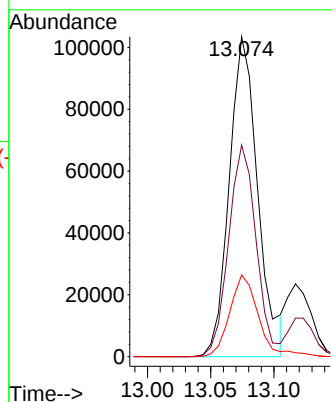
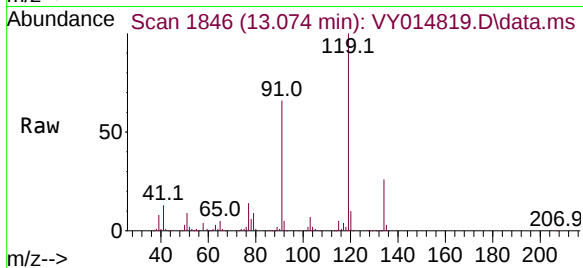
VY0725SBS02

Tgt Ion:	119	Resp:	16216
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.9	98.6
134	25.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.103 ug/l

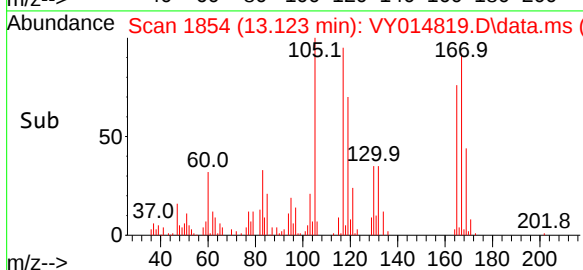
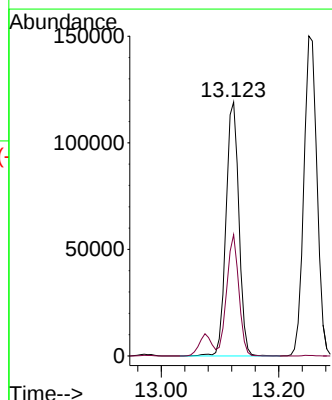
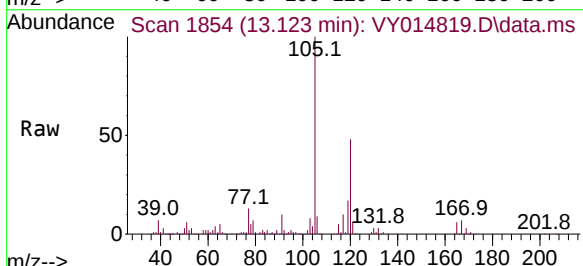
RT: 13.123 min Scan# 1854

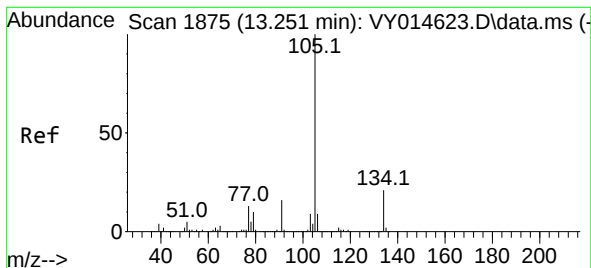
Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion:	105	Resp:	181240
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.2	66.6





#85

sec-Butylbenzene

Concen: 17.483 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion:105 Resp: 23208

Ion Ratio Lower Upper

105 100

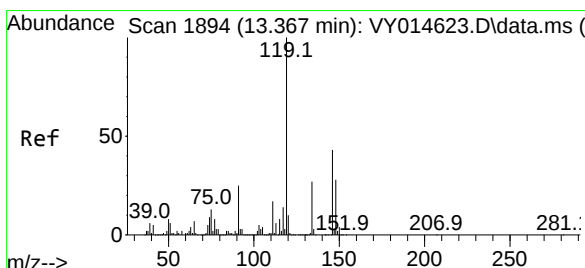
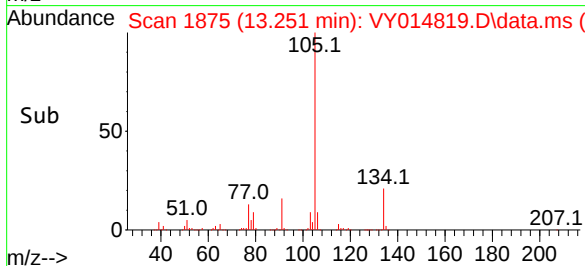
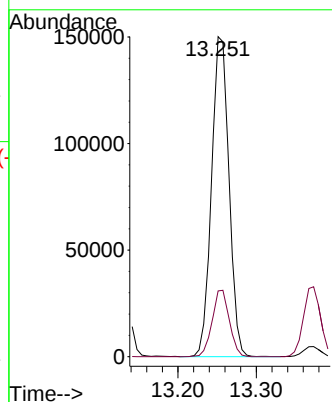
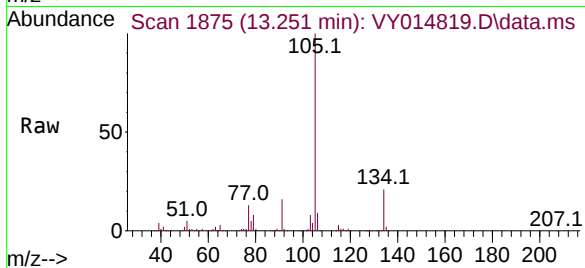
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023

Supervised By :Semsettin Yesilyurt 07/27/2023



#86

p-Isopropyltoluene

Concen: 17.727 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

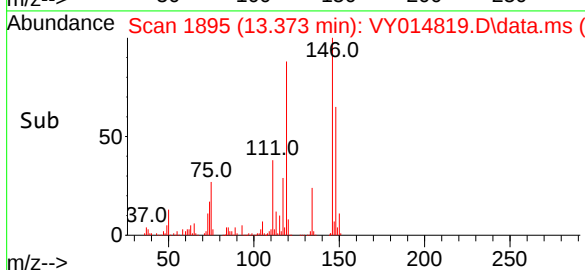
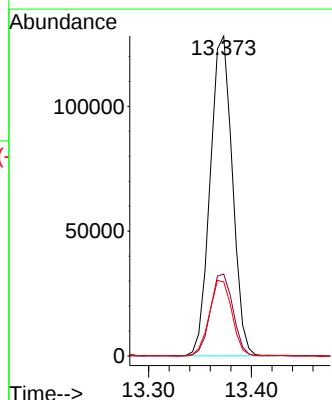
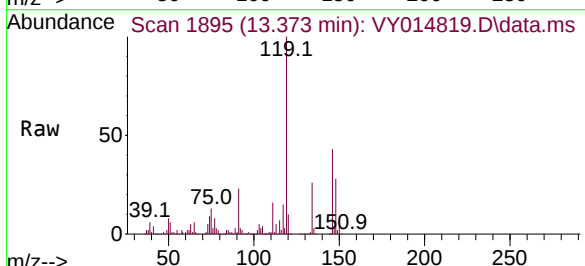
Tgt Ion:119 Resp: 192134

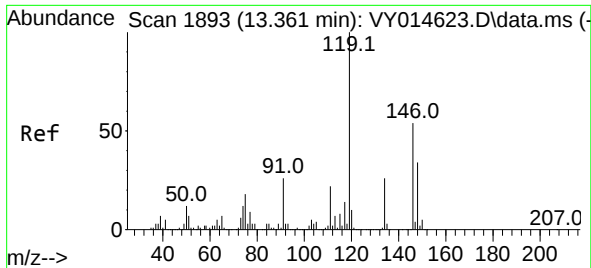
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

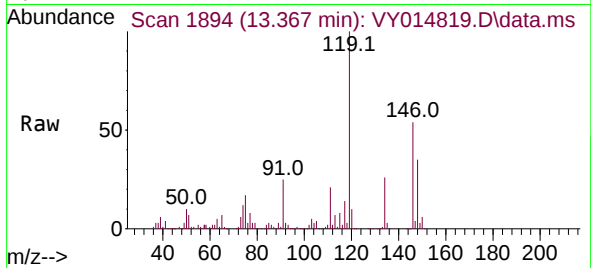
91 23.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 18.580 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

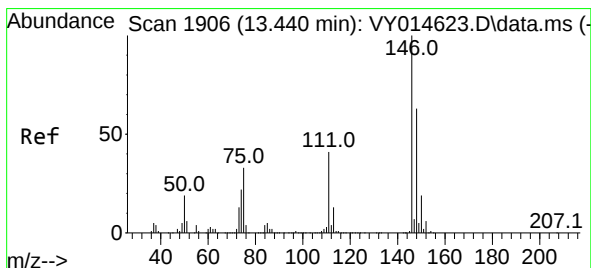
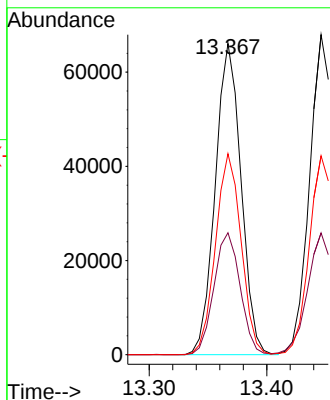
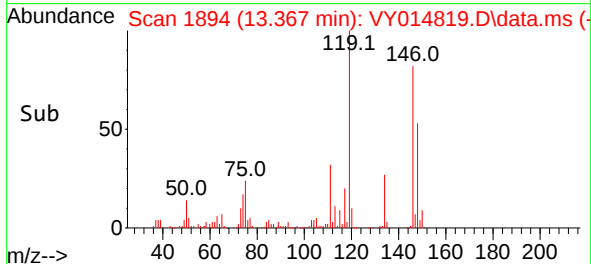
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02



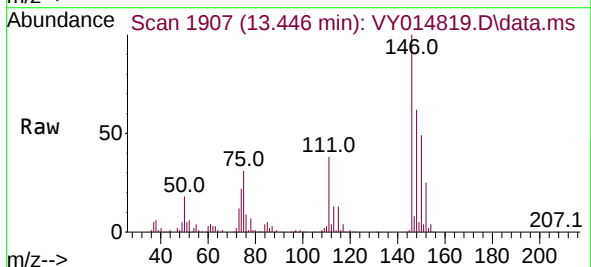
Tgt Ion:146 Resp: 10083
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 64.2 31.9 95.5

Manual Integrations
APPROVED

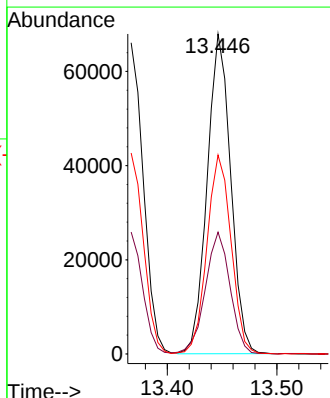
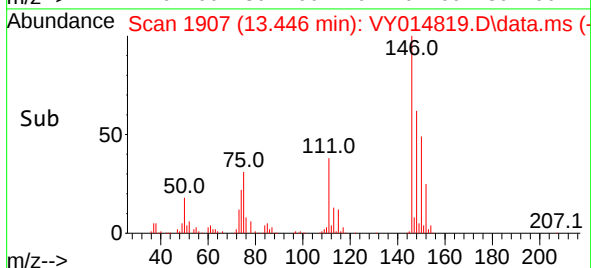
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023

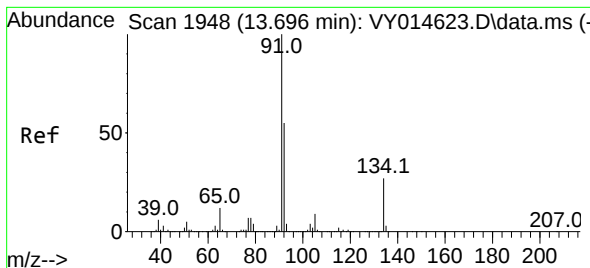


#88
1,4-Dichlorobenzene
Concen: 18.650 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49



Tgt Ion:146 Resp: 101423
Ion Ratio Lower Upper
146 100
111 40.2 18.9 56.7
148 64.0 32.1 96.5





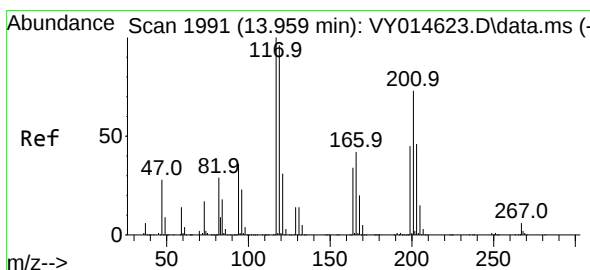
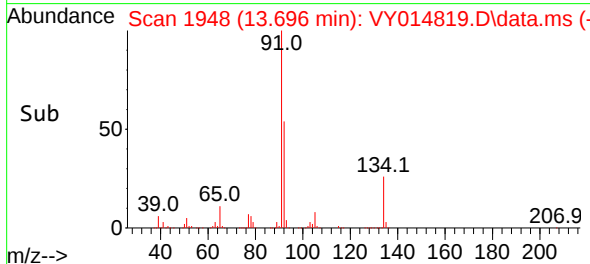
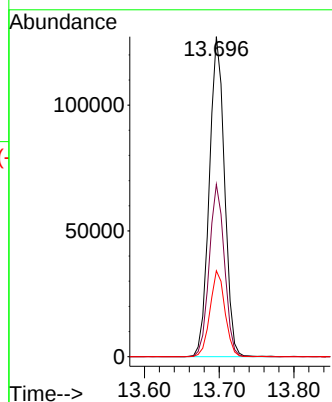
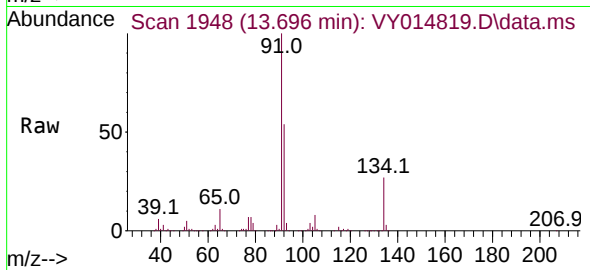
#89
n-Butylbenzene
Concen: 17.056 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion: 91 Resp: 179849
Ion Ratio Lower Upper
91 100
92 53.6 25.4 76.0
134 26.3 12.6 37.6

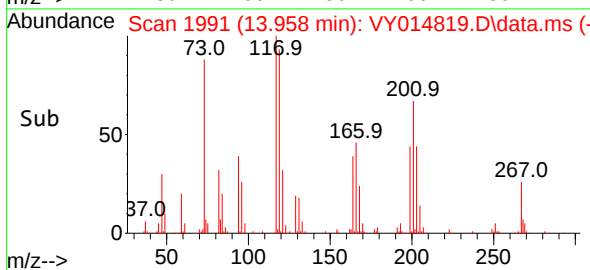
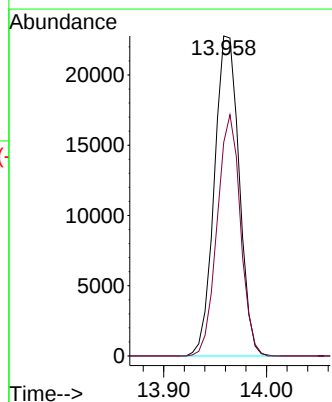
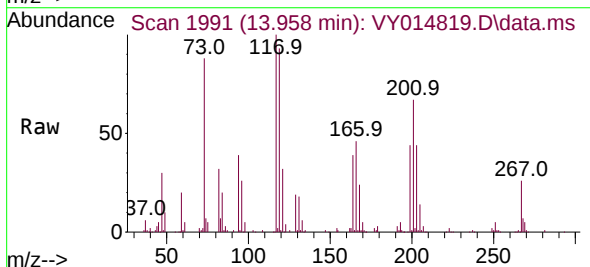
Manual Integrations
APPROVED

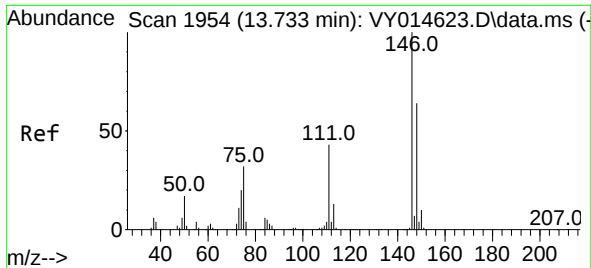
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#90
Hexachloroethane
Concen: 17.114 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion:117 Resp: 38101
Ion Ratio Lower Upper
117 100
201 70.8 41.6 124.8





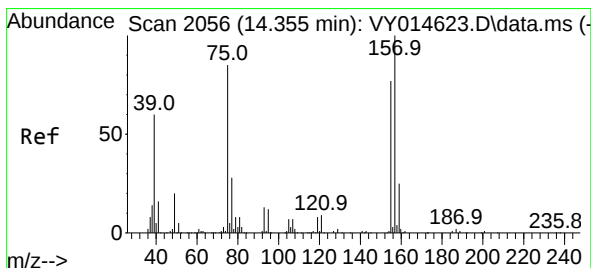
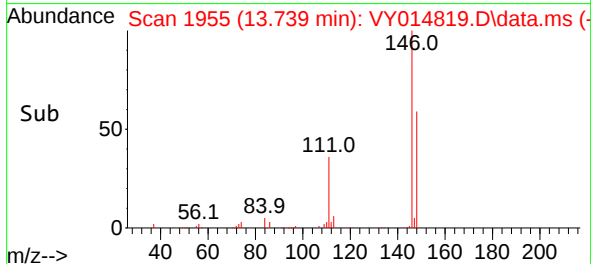
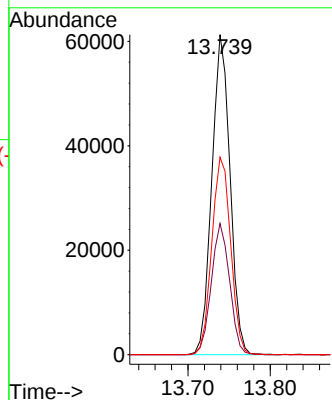
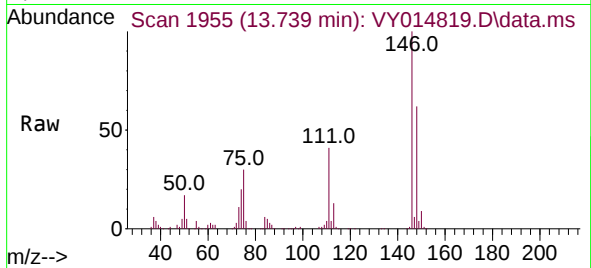
#91
1,2-Dichlorobenzene
Concen: 18.951 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS02

Tgt Ion:146 Resp: 9422
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 64.1 32.0 96.2

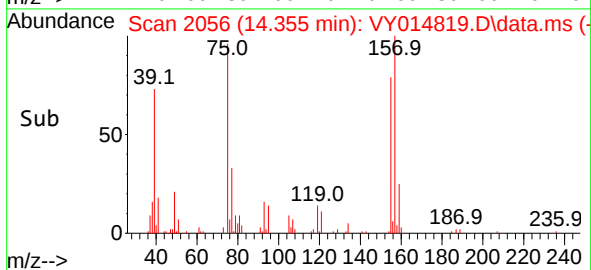
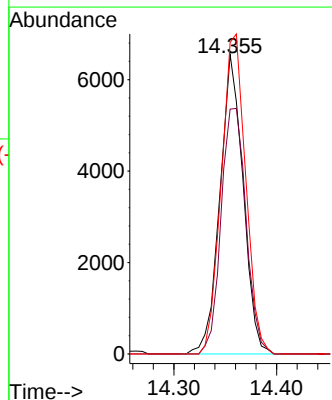
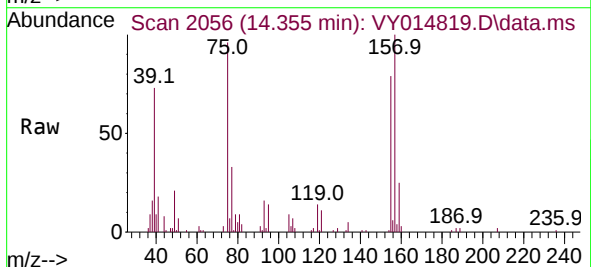
Manual Integrations
APPROVED

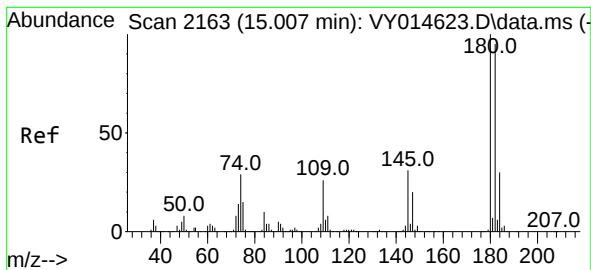
Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.218 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014819.D
Acq: 25 Jul 2023 22:49

Tgt Ion: 75 Resp: 10238
Ion Ratio Lower Upper
75 100
155 88.2 41.5 124.6
157 112.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.575 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

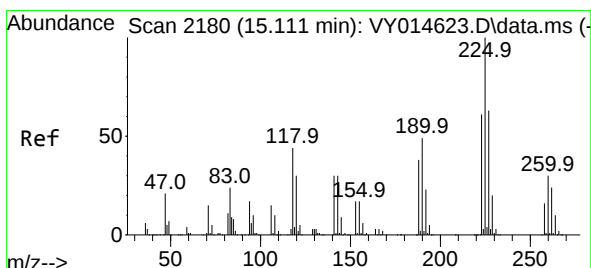
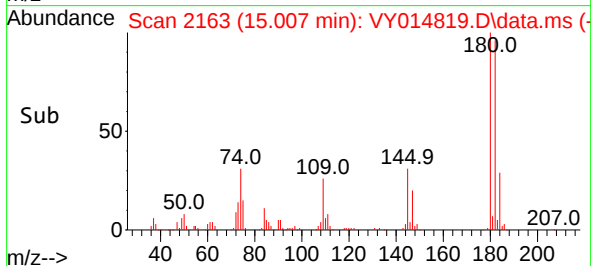
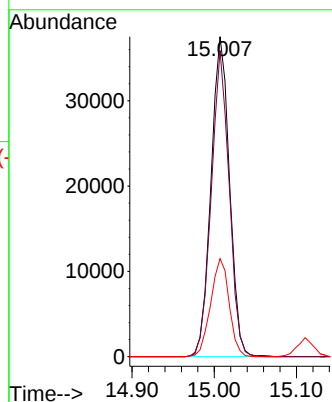
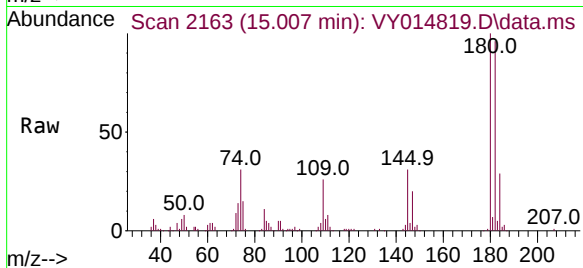
VY0725SBS02

Tgt Ion:180	Resp:	58628
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.0 141.2
145	30.6	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
Supervised By :Semsettin Yesilyurt 07/27/2023



#94

Hexachlorobutadiene

Concen: 16.875 ug/l

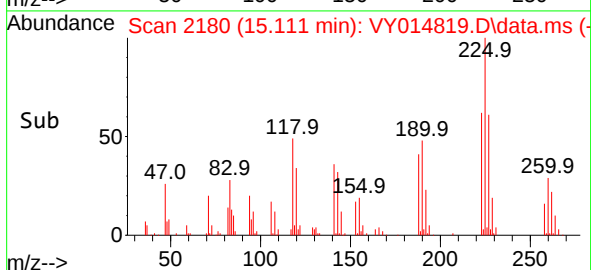
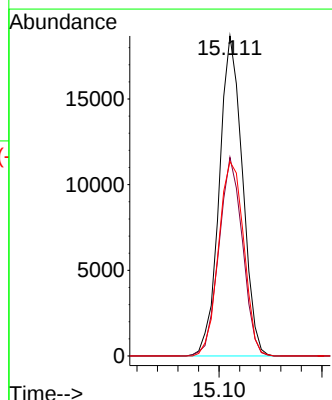
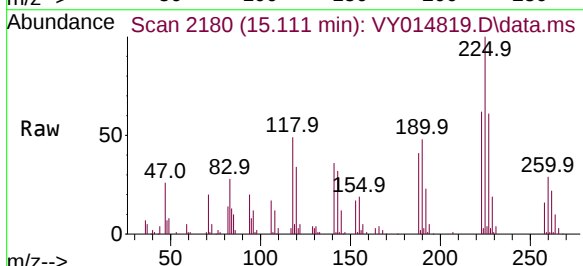
RT: 15.111 min Scan# 2180

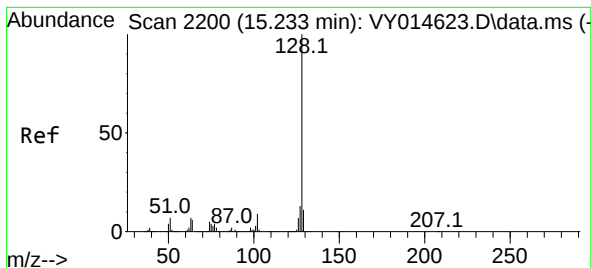
Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion:225	Resp:	29269
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.9 95.9
227	65.9	33.0 98.9





#95

Naphthalene

Concen: 19.235 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS02

Tgt Ion:128 Resp: 141438

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

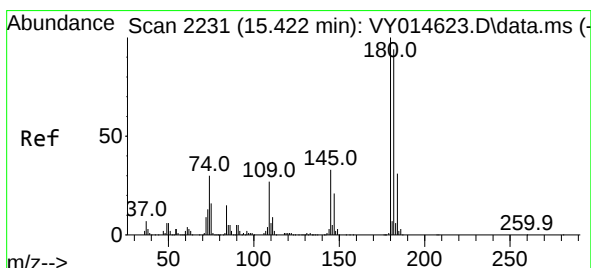
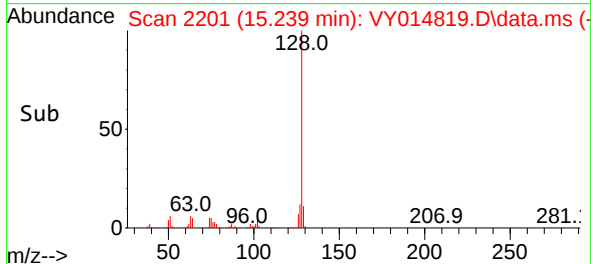
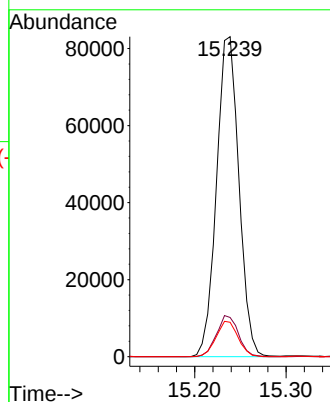
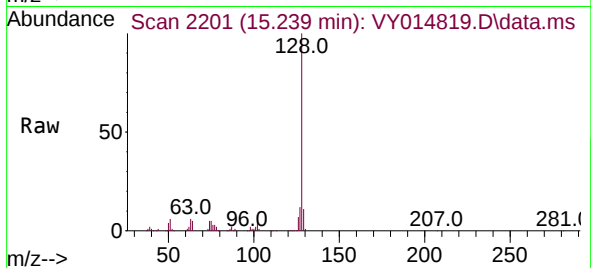
129 10.9 8.6 13.0

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#96

1,2,3-Trichlorobenzene

Concen: 18.414 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014819.D

Acq: 25 Jul 2023 22:49

Tgt Ion:180 Resp: 51653

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 33.7 15.4 46.2

