

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016779.D
 Acq On : 22 Dec 2023 01:05
 Operator : SY/MD
 Sample : VY1221SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS03

Quant Time: Dec 22 03:17:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	134614	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	241839	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	209512	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	88324	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	74231	60.405	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.820%			
35) Dibromofluoromethane	7.746	113	75529	54.521	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.040%			
50) Toluene-d8	10.203	98	273437	54.754	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.501	95	87212	53.829	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	22800	19.819	ug/l	98
3) Chloromethane	2.131	50	36838	20.832	ug/l	95
4) Vinyl Chloride	2.272	62	40531	20.292	ug/l	99
5) Bromomethane	2.668	94	30540	21.468	ug/l	98
6) Chloroethane	2.814	64	27851	20.578	ug/l	99
7) Trichlorofluoromethane	3.156	101	45849	19.705	ug/l	97
8) Diethyl Ether	3.558	74	16567	22.258	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.936	101	28444	19.928	ug/l	100
10) Methyl Iodide	4.125	142	29147	19.597	ug/l	99
11) Tert butyl alcohol	5.003	59	14081	139.751	ug/l	99
12) 1,1-Dichloroethene	3.905	96	25986	20.448	ug/l	97
13) Acrolein	3.765	56	12503	160.830	ug/l	97
14) Allyl chloride	4.521	41	42454	21.811	ug/l	98
15) Acrylonitrile	5.204	53	39491	125.285	ug/l	99
16) Acetone	3.979	43	41983	126.339	ug/l	99
17) Carbon Disulfide	4.229	76	67382	19.487	ug/l	98
18) Methyl Acetate	4.521	43	30569	23.539	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	74241	22.704	ug/l	99
20) Methylene Chloride	4.759	84	44106	24.088	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	30894	21.315	ug/l	99
22) Diisopropyl ether	6.161	45	102944	23.377	ug/l	97
23) Vinyl Acetate	6.100	43	224576	107.827	ug/l	99
24) 1,1-Dichloroethane	6.058	63	60388	22.828	ug/l	97
25) 2-Butanone	7.027	43	56478	123.444	ug/l	98
26) 2,2-Dichloropropane	7.021	77	47030	20.373	ug/l	100
27) cis-1,2-Dichloroethene	7.027	96	36693	21.997	ug/l	97
28) Bromochloromethane	7.374	49	24311	23.219	ug/l	100
29) Tetrahydrofuran	7.387	42	31572	126.201	ug/l	98
30) Chloroform	7.539	83	62166	22.956	ug/l	100
31) Cyclohexane	7.819	56	45766	19.438	ug/l #	94
32) 1,1,1-Trichloroethane	7.740	97	51495	21.663	ug/l	98
36) 1,1-Dichloropropene	7.954	75	43379	19.532	ug/l	99
37) Ethyl Acetate	7.112	43	23528	24.716	ug/l	98
38) Carbon Tetrachloride	7.935	117	41735	18.991	ug/l	99
39) Methylcyclohexane	9.215	83	44902	17.511	ug/l	98
40) Benzene	8.191	78	135032	20.894	ug/l	99

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 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	13274	26.264	ug/l	96
42) 1,2-Dichloroethane	8.264	62	37423	22.195	ug/l	99
43) Isopropyl Acetate	8.301	43	42107	22.775	ug/l	98
44) Trichloroethene	8.966	130	33271	20.170	ug/l	99
45) 1,2-Dichloropropane	9.246	63	34830	21.484	ug/l	99
46) Dibromomethane	9.331	93	18100	21.612	ug/l	99
47) Bromodichloromethane	9.520	83	47362	21.456	ug/l	95
48) Methyl methacrylate	9.319	41	22534	21.930	ug/l	97
49) 1,4-Dioxane	9.331	88	3824	470.430	ug/l	95
51) 4-Methyl-2-Pentanone	10.093	43	114657	116.394	ug/l	100
52) Toluene	10.270	92	81527	21.050	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	42285	21.008	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	51394	21.169	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	26153	21.887	ug/l	96
56) Ethyl methacrylate	10.532	69	23381	22.252	ug/l	96
57) 1,3-Dichloropropane	10.813	76	45878	22.604	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	62125	109.908	ug/l	99
59) 2-Hexanone	10.855	43	81340	110.737	ug/l	99
60) Dibromochloromethane	11.008	129	30082	21.762	ug/l	98
61) 1,2-Dibromoethane	11.111	107	23503	21.933	ug/l	99
64) Tetrachloroethene	10.746	164	26935	20.696	ug/l	93
65) Chlorobenzene	11.538	112	85232	20.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	32092	20.721	ug/l	100
67) Ethyl Benzene	11.617	91	151366	19.978	ug/l	99
68) m/p-Xylenes	11.727	106	110981	39.668	ug/l	98
69) o-Xylene	12.050	106	51655	20.125	ug/l	98
70) Styrene	12.069	104	77173	20.319	ug/l	99
71) Bromoform	12.227	173	16189	20.966	ug/l #	97
73) Isopropylbenzene	12.349	105	138285	20.103	ug/l	99
74) N-amyl acetate	12.166	43	32317	22.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	31192	22.692	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	19330m	19.798	ug/l	
77) Bromobenzene	12.630	156	31173	20.773	ug/l	96
78) n-propylbenzene	12.690	91	168727	20.245	ug/l	100
79) 2-Chlorotoluene	12.776	91	95710	20.754	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	112822	20.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	8437	20.293	ug/l	99
82) 4-Chlorotoluene	12.873	91	98851	20.894	ug/l	100
83) tert-Butylbenzene	13.093	119	93075	19.651	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	110319	20.546	ug/l	97
85) sec-Butylbenzene	13.276	105	140742	20.062	ug/l	100
86) p-Isopropyltoluene	13.392	119	116840	19.999	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	59881	20.418	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	60226	21.031	ug/l	99
89) n-Butylbenzene	13.715	91	110395	19.767	ug/l	99
90) Hexachloroethane	13.983	117	25054	20.594	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	53299	21.333	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4100	23.009	ug/l	93
93) 1,2,4-Trichlorobenzene	15.025	180	27186	20.507	ug/l	97
94) Hexachlorobutadiene	15.129	225	15147	20.116	ug/l	98
95) Naphthalene	15.257	128	51631	20.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	23063	20.427	ug/l	98

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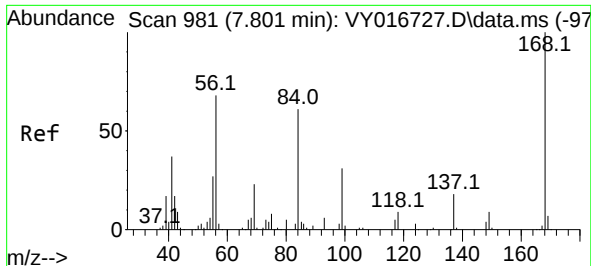
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

Quant Time: Dec 22 03:17:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

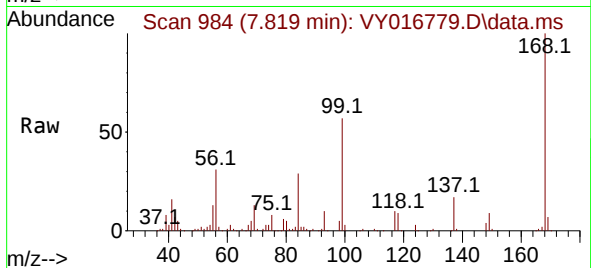
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

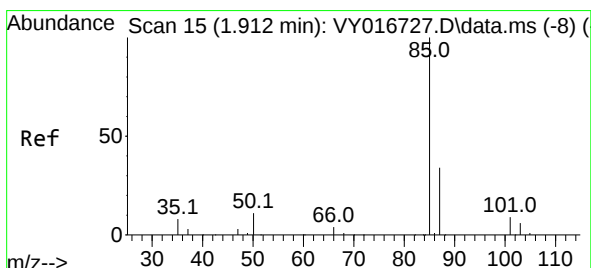
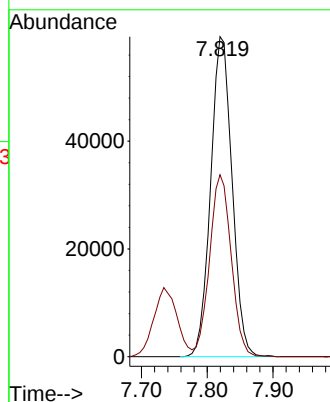
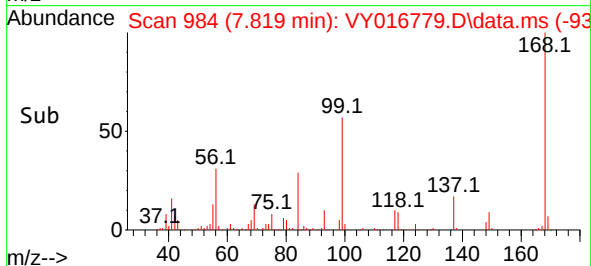
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion:168 Resp: 134614
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4

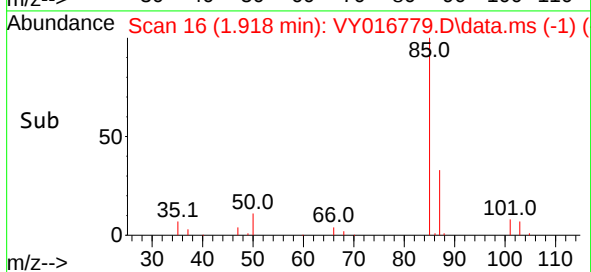
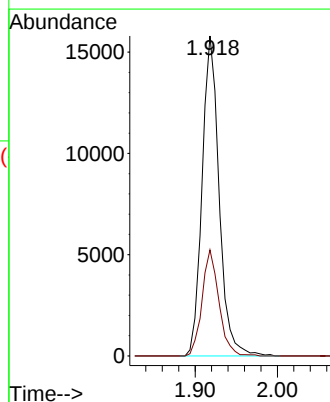
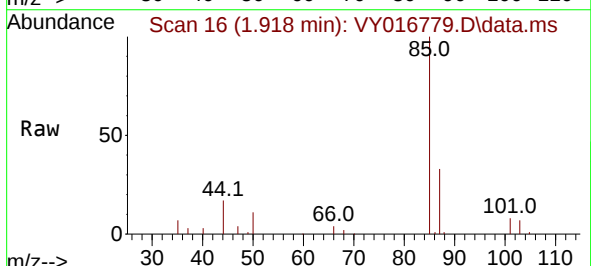
Manual Integrations
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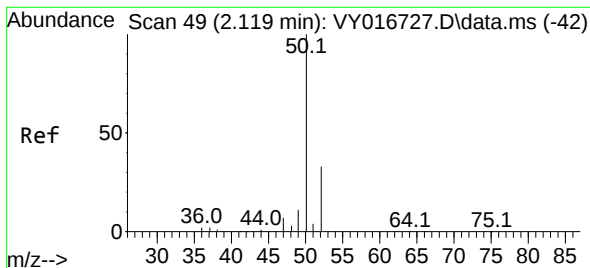
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 19.819 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 85 Resp: 22800
Ion Ratio Lower Upper
85 100
87 33.1 17.1 51.3





#3

Chloromethane

Concen: 20.832 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 50 Resp: 3683

Ion Ratio Lower Upper

50 100

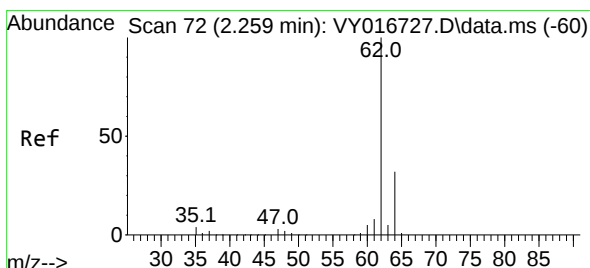
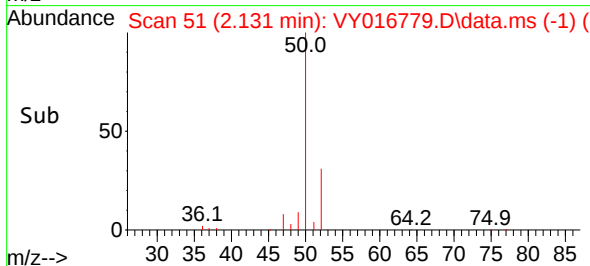
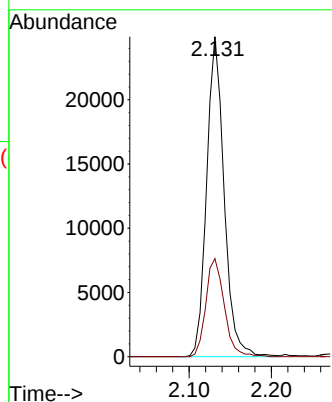
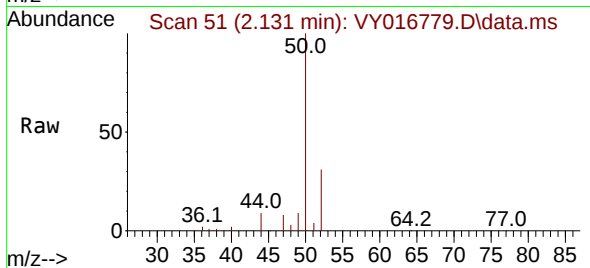
52 30.6 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#4

Vinyl Chloride

Concen: 20.292 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY016779.D

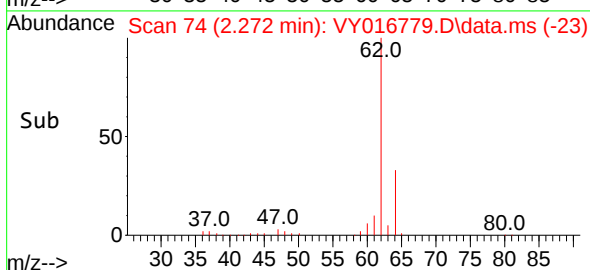
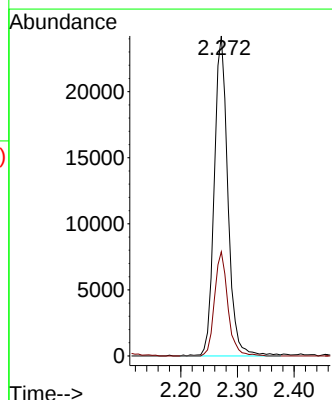
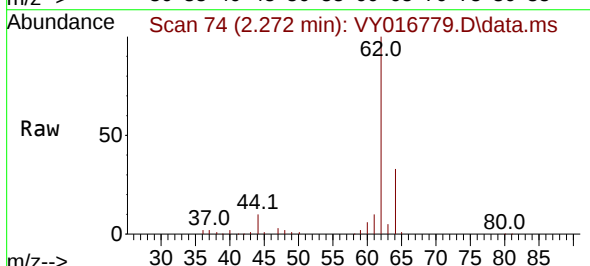
Acq: 22 Dec 2023 01:05

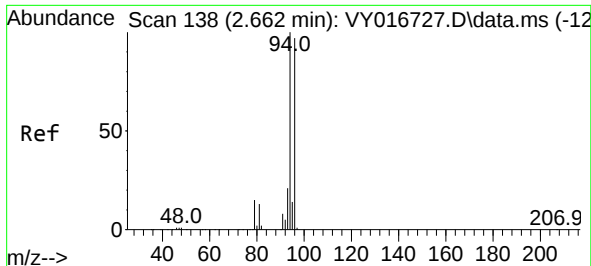
Tgt Ion: 62 Resp: 40531

Ion Ratio Lower Upper

62 100

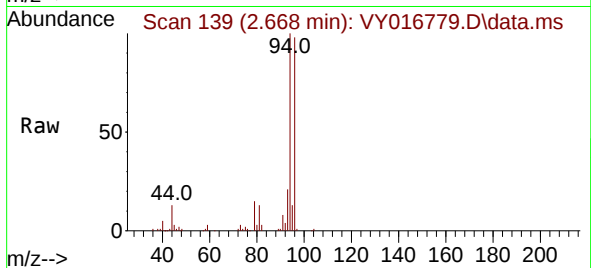
64 32.6 25.7 38.5





#5
Bromomethane
Concen: 21.468 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

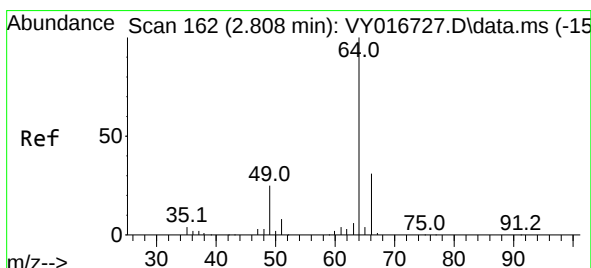
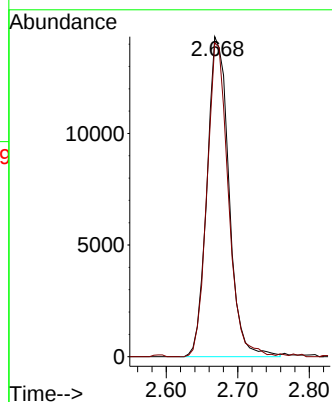
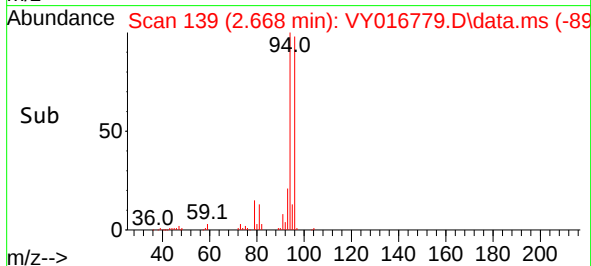
Instrument :
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Tgt Ion: 94 Resp: 30540
Ion Ratio Lower Upper
94 100
96 98.1 77.3 115.9

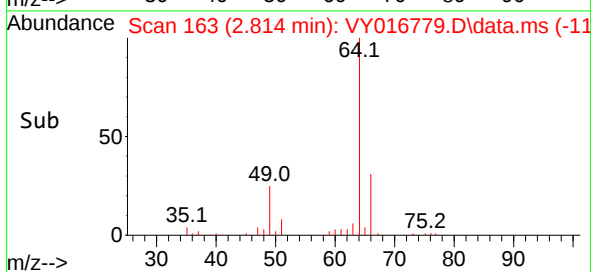
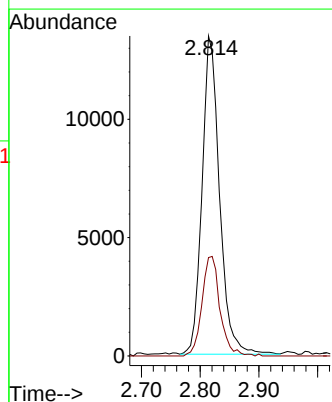
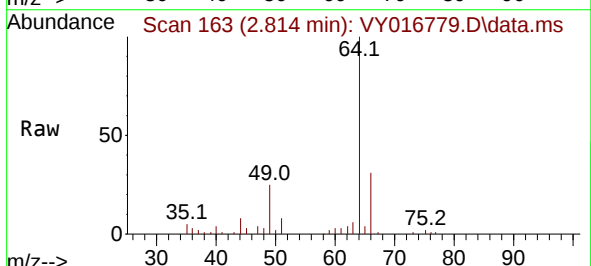
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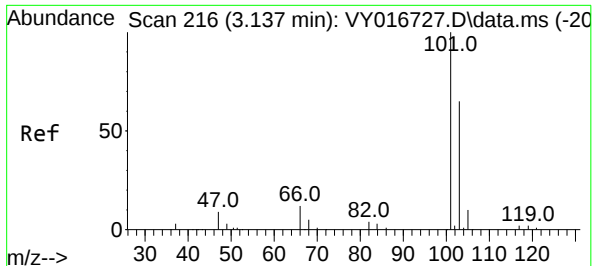
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#6
Chloroethane
Concen: 20.578 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

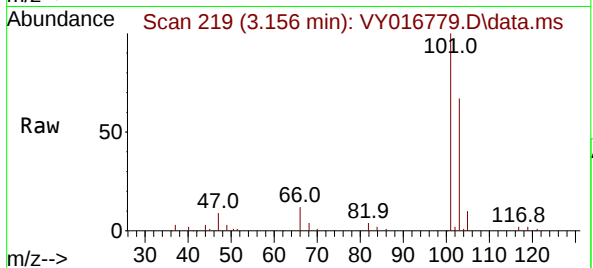
Tgt Ion: 64 Resp: 27851
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.705 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

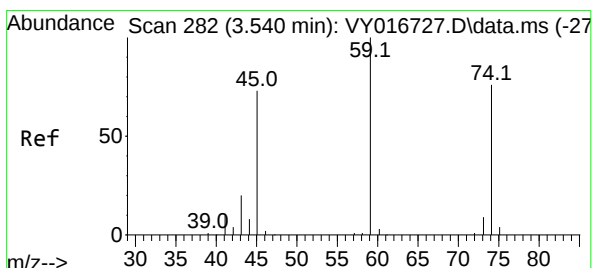
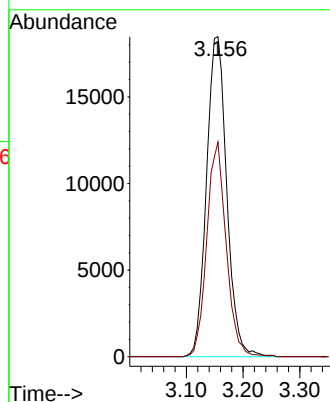
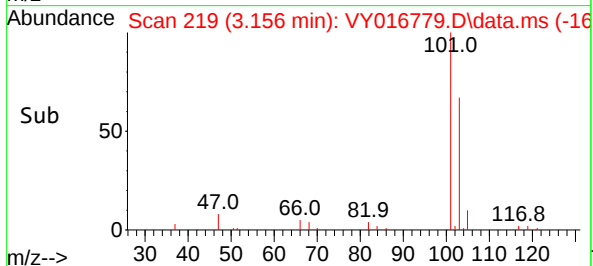
Instrument :
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ClientSampleId :
VY1221SBS03



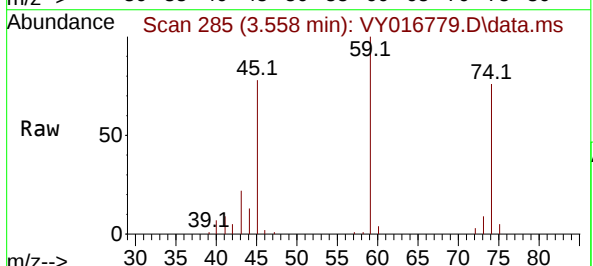
Tgt Ion:101 Resp: 45849
Ion Ratio Lower Upper
101 100
103 67.0 51.9 77.9

Manual Integrations
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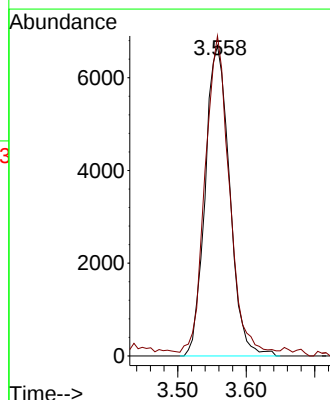
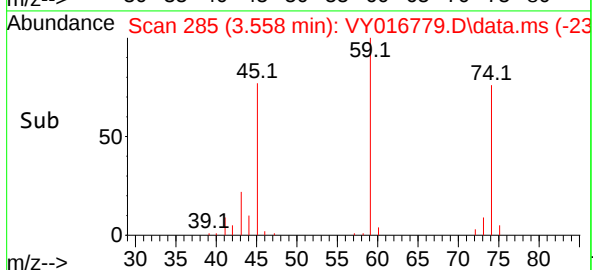
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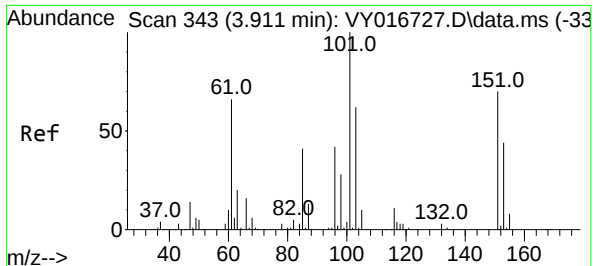


#8
Diethyl Ether
Concen: 22.258 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05



Tgt Ion: 74 Resp: 16567
Ion Ratio Lower Upper
74 100
45 100.0 47.9 143.7





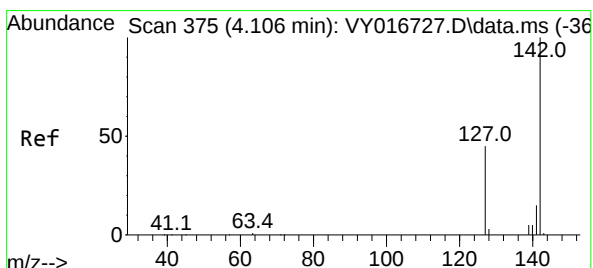
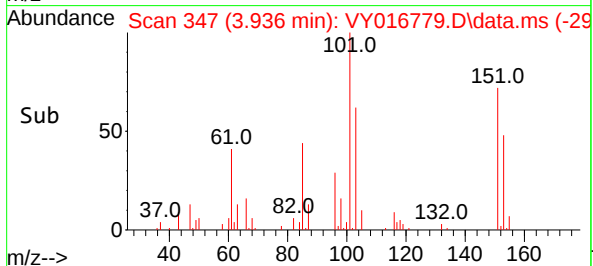
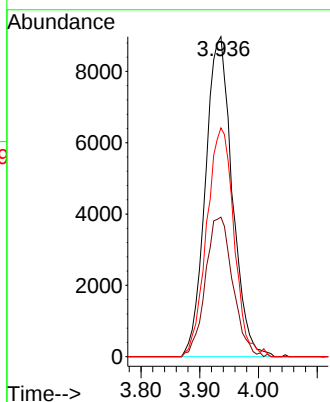
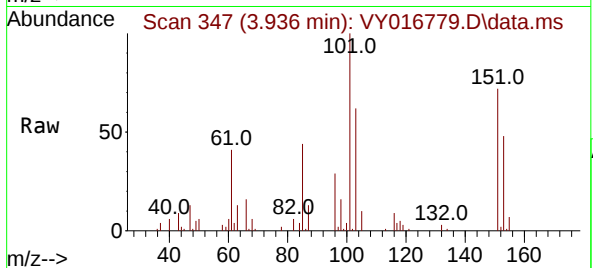
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.928 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion:101 Resp: 2844
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 73.0 58.6 88.0

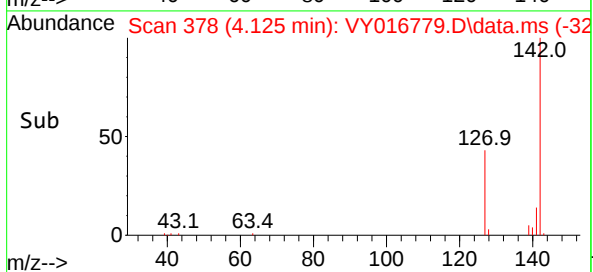
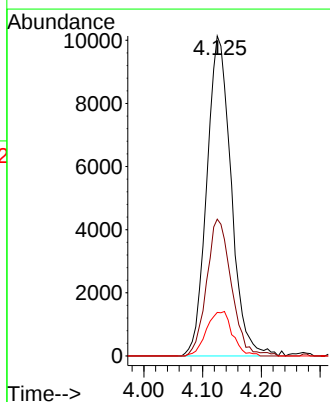
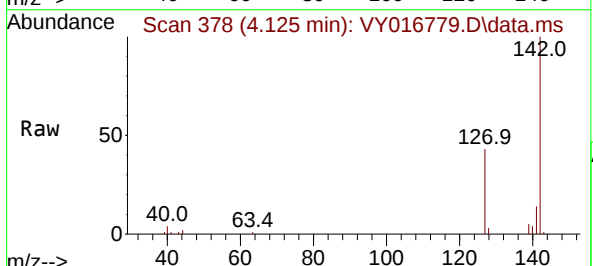
Manual Integrations
APPROVED

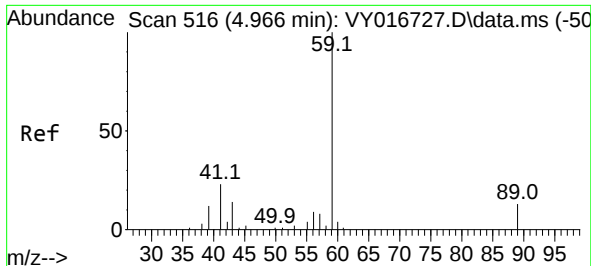
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 19.597 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

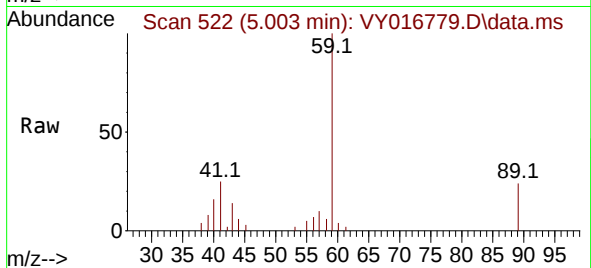
Tgt Ion:142 Resp: 29147
Ion Ratio Lower Upper
142 100
127 43.4 35.1 52.7
141 14.8 11.8 17.6





#11
Tert butyl alcohol
Concen: 139.751 ug/l
RT: 5.003 min Scan# 516
Delta R.T. 0.037 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

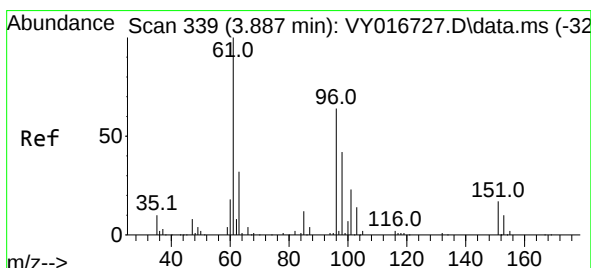
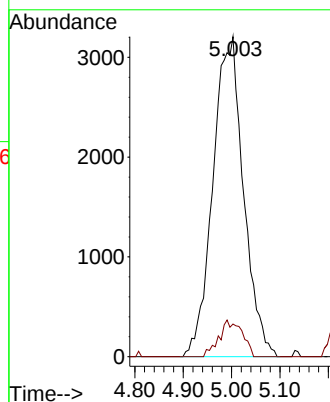
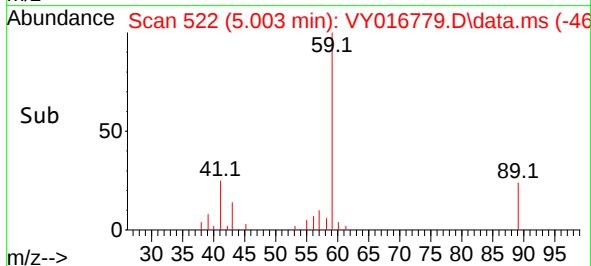
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion: 59 Resp: 1408
Ion Ratio Lower Upper
59 100
57 8.7 7.4 11.0

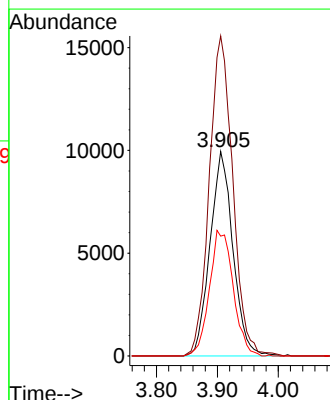
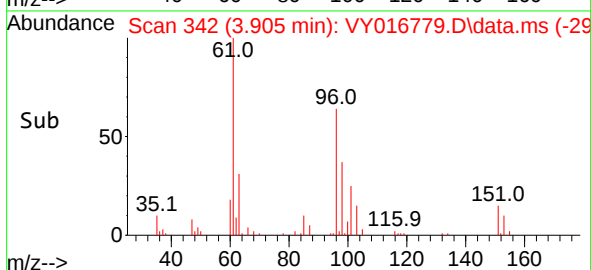
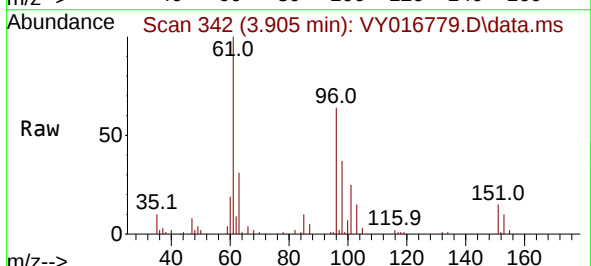
Manual Integrations
APPROVED

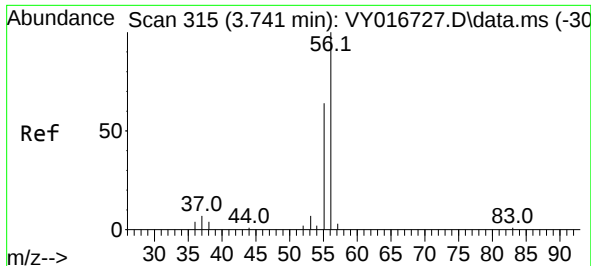
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#12
1,1-Dichloroethene
Concen: 20.448 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 96 Resp: 25986
Ion Ratio Lower Upper
96 100
61 156.5 124.2 186.2
98 58.6 52.6 79.0





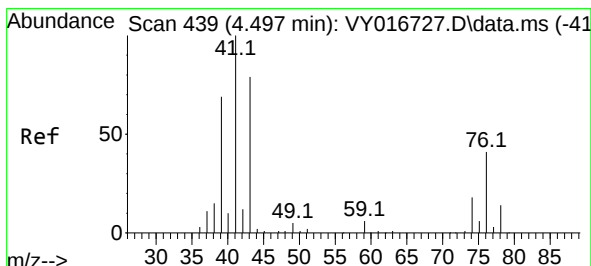
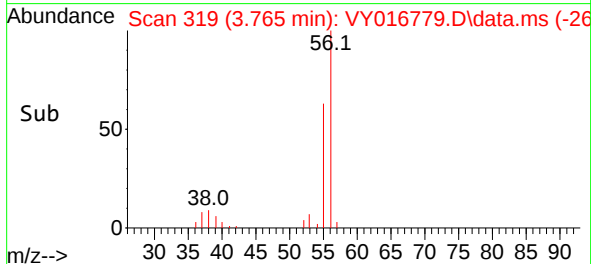
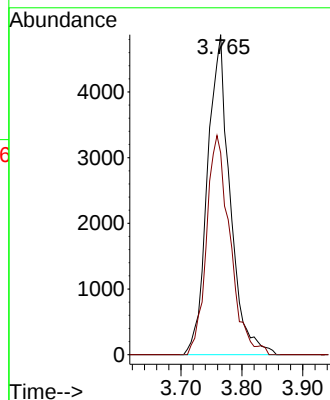
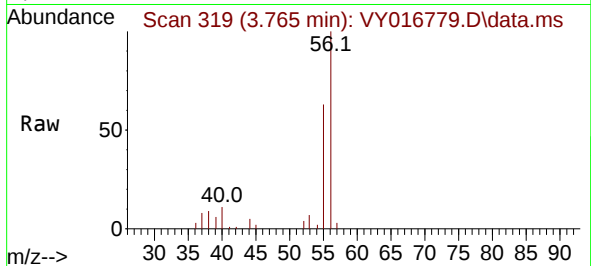
#13
Acrolein
Concen: 160.830 ug/l
RT: 3.765 min Scan# 315
Delta R.T. 0.024 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 56 Resp: 1250
Ion Ratio Lower Upper
56 100
55 71.7 55.4 83.0

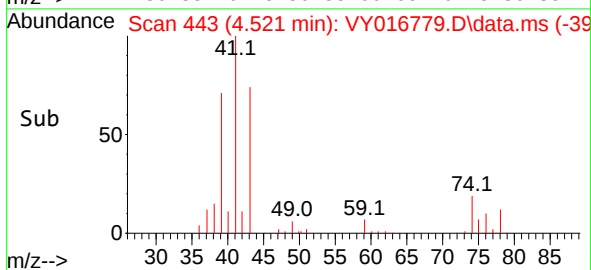
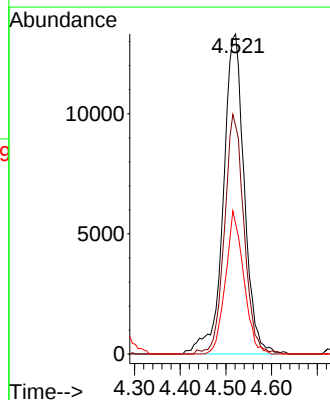
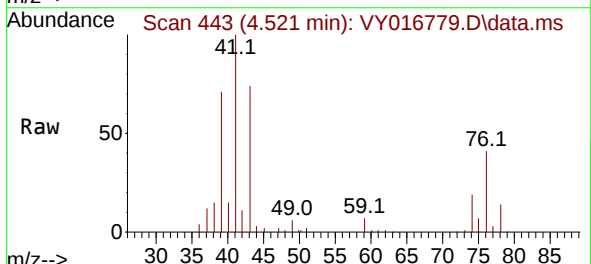
Manual Integrations
APPROVED

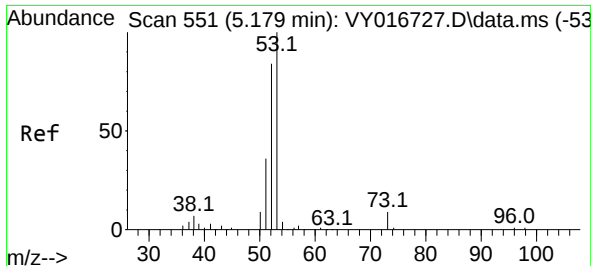
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 21.811 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

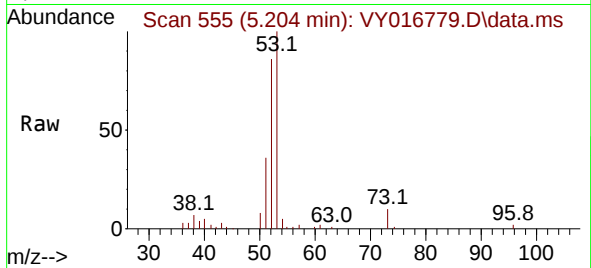
Tgt Ion: 41 Resp: 42454
Ion Ratio Lower Upper
41 100
39 69.9 54.7 82.1
76 38.9 31.8 47.6





#15
Acrylonitrile
Concen: 125.285 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

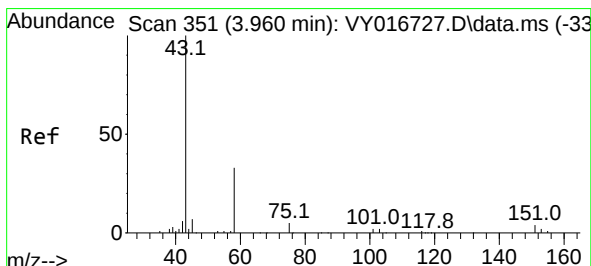
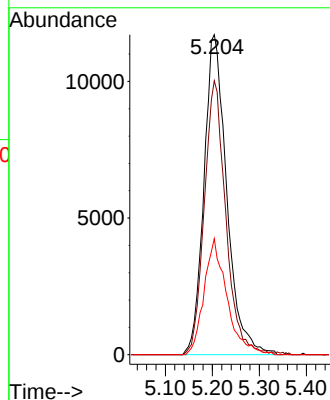
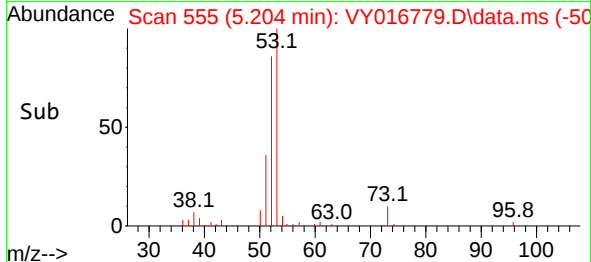
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion: 53 Resp: 3949
Ion Ratio Lower Upper
53 100
52 80.7 65.1 97.7
51 36.4 29.0 43.4

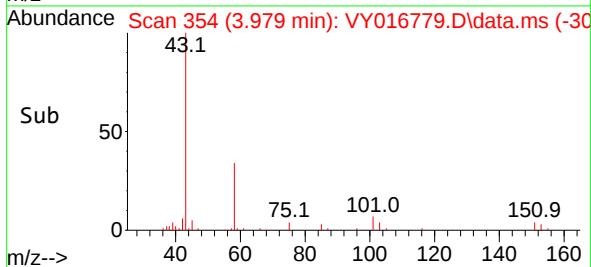
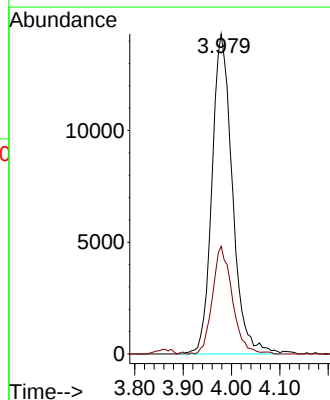
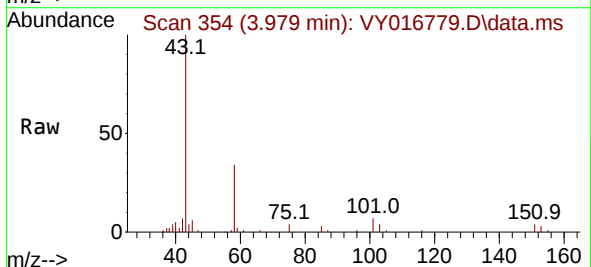
Manual Integrations
APPROVED

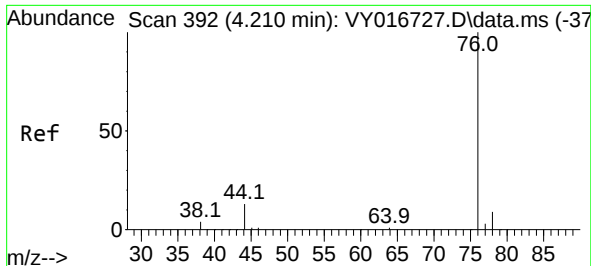
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 126.339 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 43 Resp: 41983
Ion Ratio Lower Upper
43 100
58 33.6 26.6 39.8





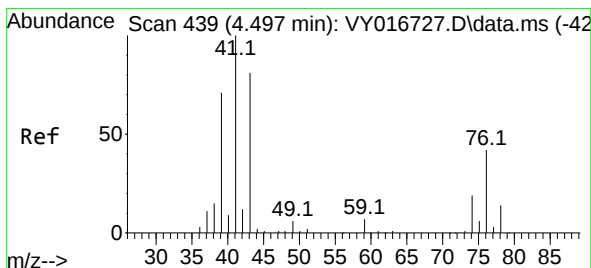
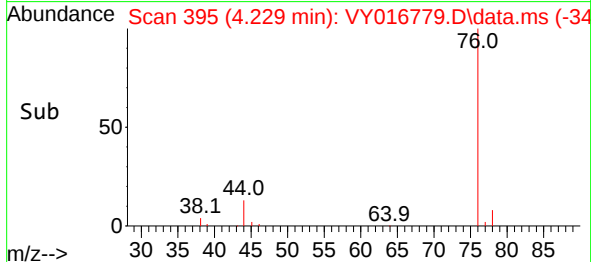
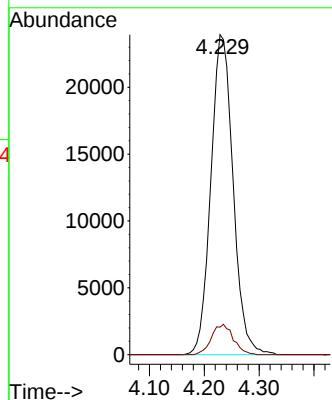
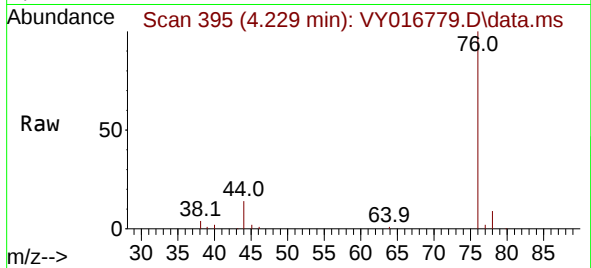
#17
Carbon Disulfide
Concen: 19.487 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.019 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 76 Resp: 6738
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

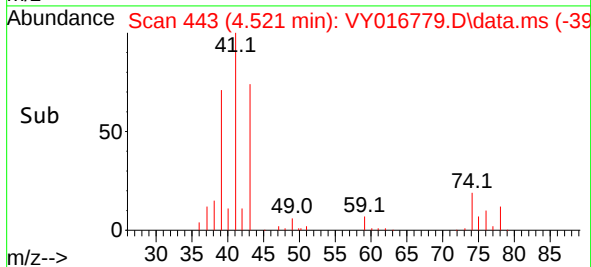
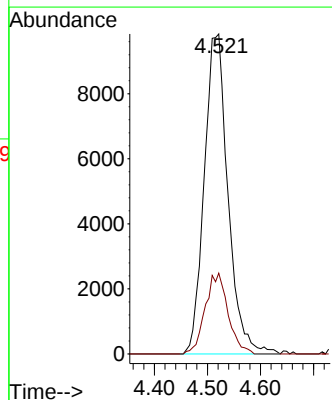
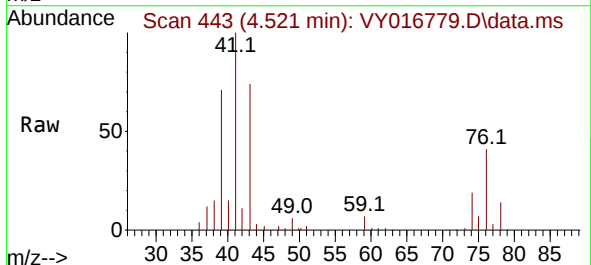
Manual Integrations
APPROVED

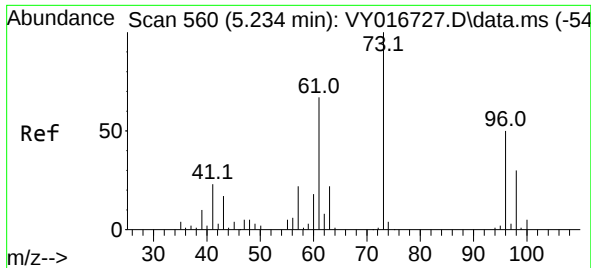
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 23.539 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 43 Resp: 30569
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6





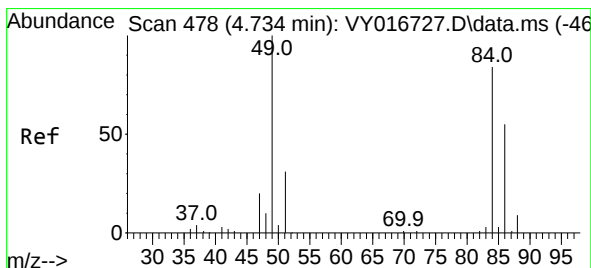
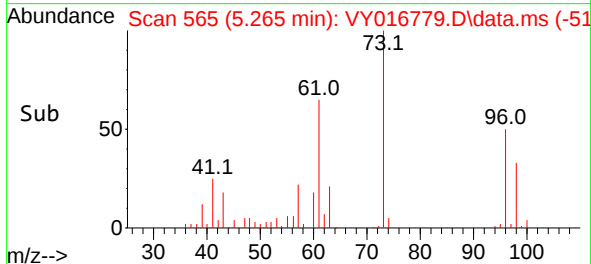
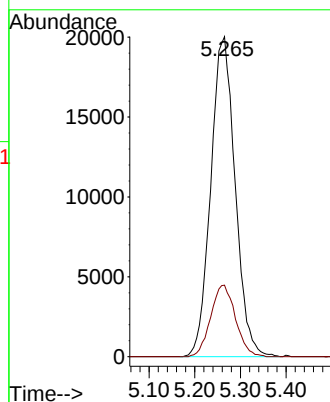
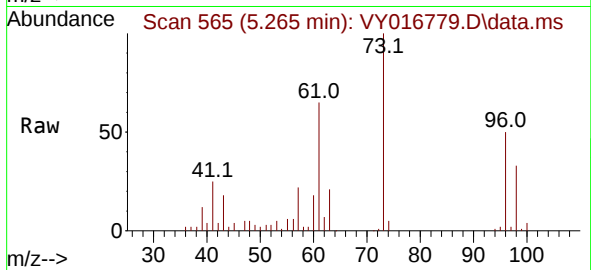
#19
Methyl tert-butyl Ether
Concen: 22.704 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 73 Resp: 7424
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

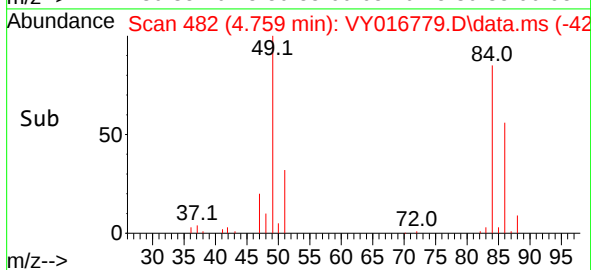
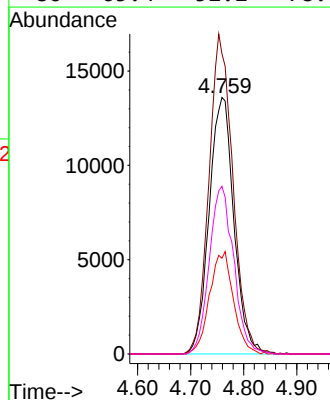
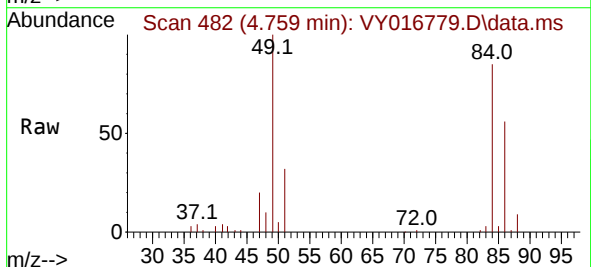
Manual Integrations
APPROVED

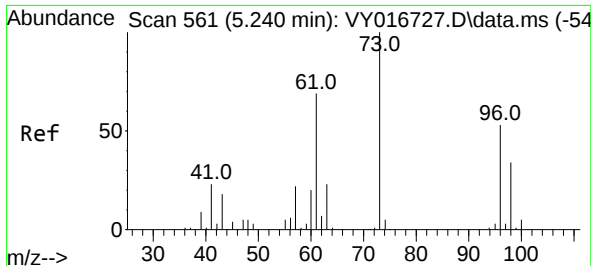
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20
Methylene Chloride
Concen: 24.088 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 84 Resp: 44106
Ion Ratio Lower Upper
84 100
49 117.0 95.2 142.8
51 37.3 29.9 44.9
86 65.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.315 ug/l

RT: 5.259 min Scan# 50

Delta R.T. 0.018 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

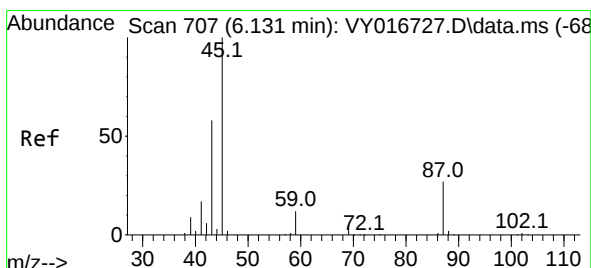
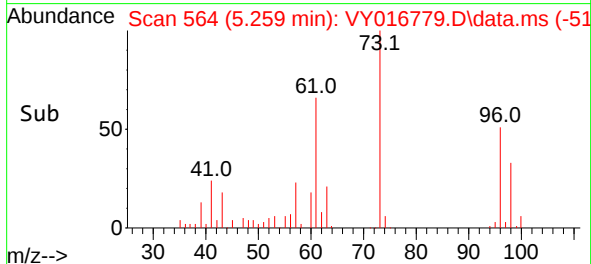
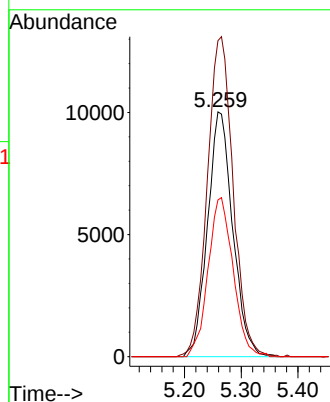
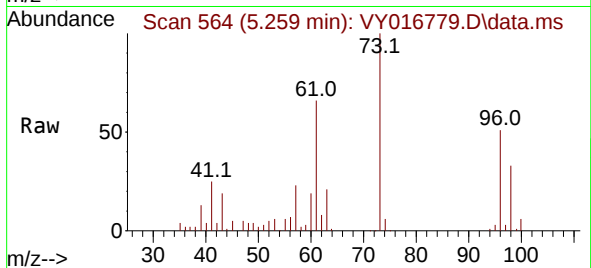
VY1221SBS03

Tgt Ion: 96 Resp: 30894
 Ion Ratio Lower Upper
 96 100
 61 129.1 104.6 156.8
 98 64.1 50.9 76.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#22

Diisopropyl ether

Concen: 23.377 ug/l

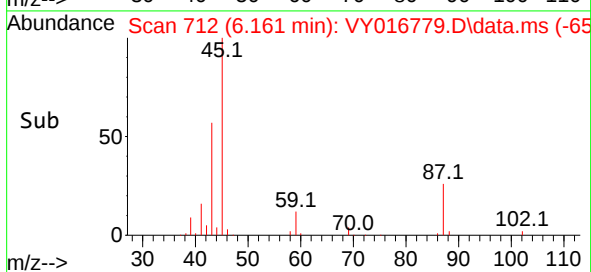
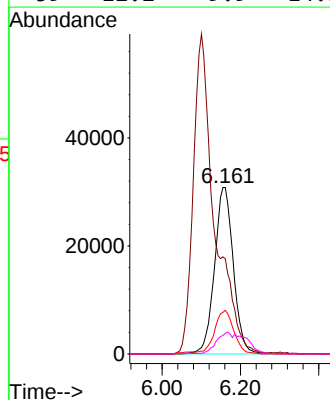
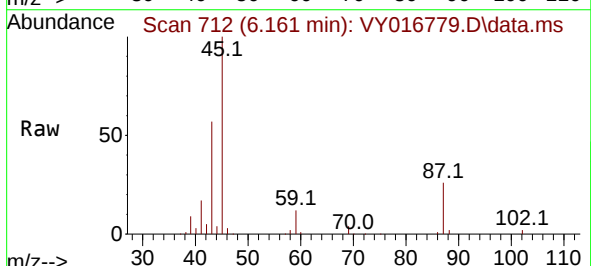
RT: 6.161 min Scan# 712

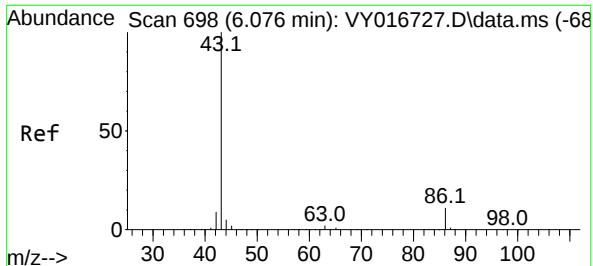
Delta R.T. 0.031 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion: 45 Resp: 102944
 Ion Ratio Lower Upper
 45 100
 43 55.9 46.8 70.2
 87 26.2 22.2 33.2
 59 12.2 9.9 14.9





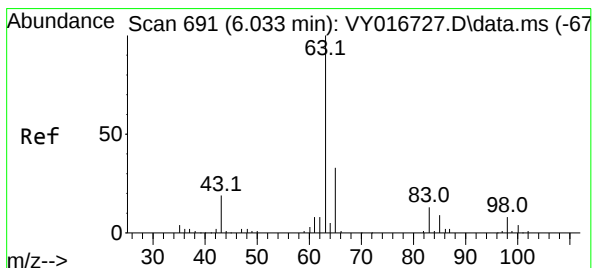
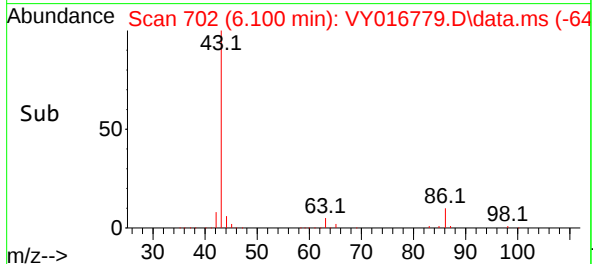
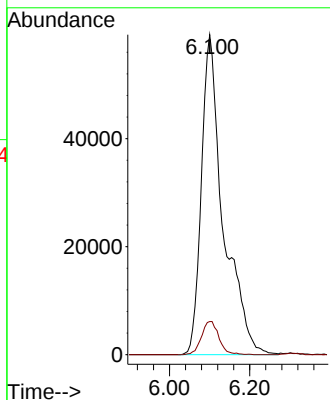
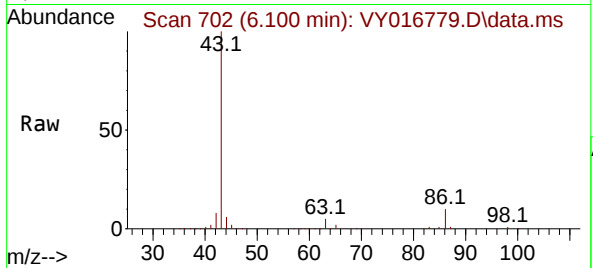
#23
 Vinyl Acetate
 Concen: 107.827 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY016779.D
 Acq: 22 Dec 2023 01:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1221SBS03

Tgt Ion: 43 Resp: 224570
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0

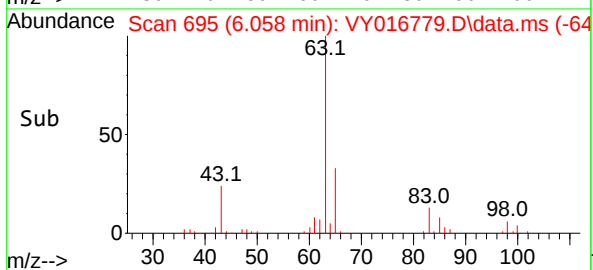
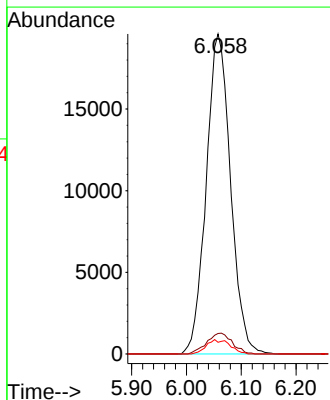
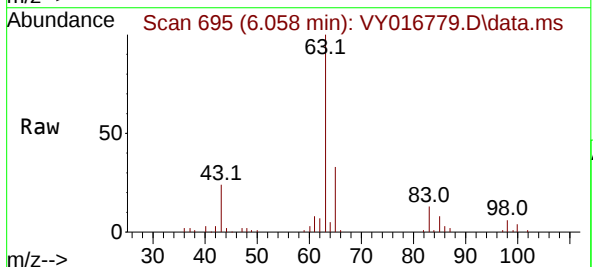
Manual Integrations
 APPROVED

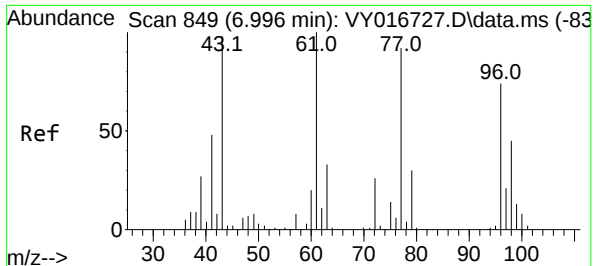
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 22.828 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.025 min
 Lab File: VY016779.D
 Acq: 22 Dec 2023 01:05

Tgt Ion: 63 Resp: 60388
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 123.444 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.031 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 43 Resp: 56478

Ion Ratio Lower Upper

43 100

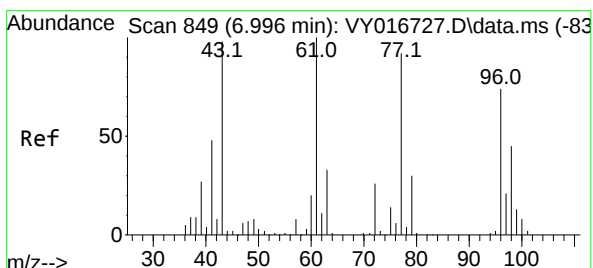
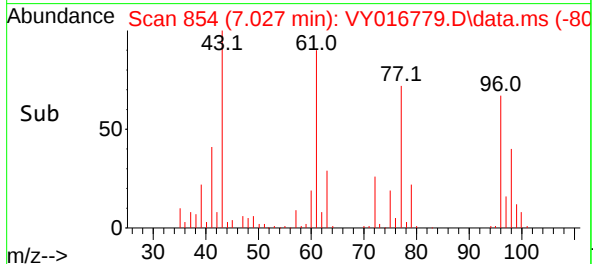
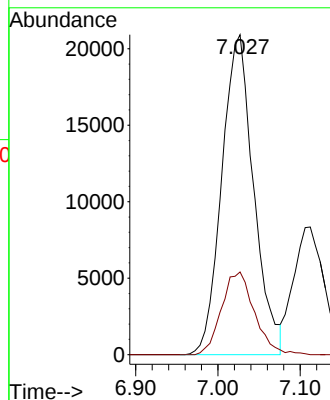
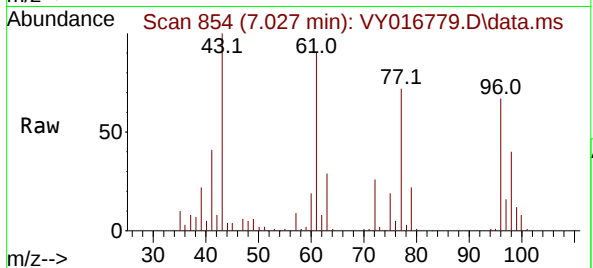
72 25.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#26

2,2-Dichloropropane

Concen: 20.373 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016779.D

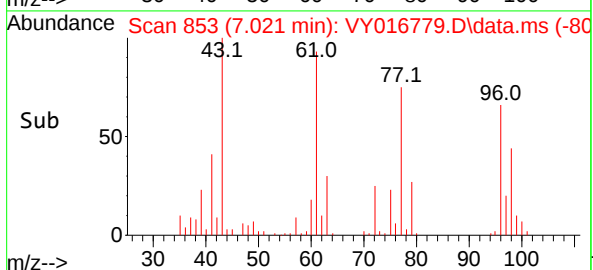
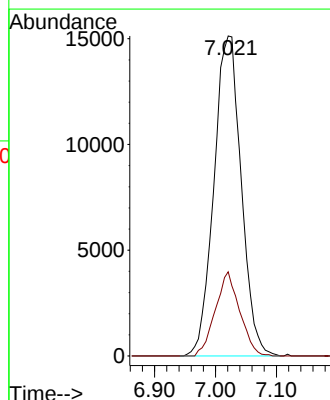
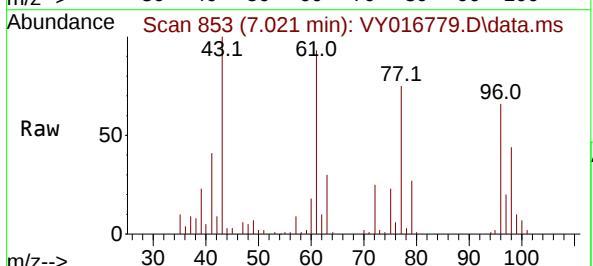
Acq: 22 Dec 2023 01:05

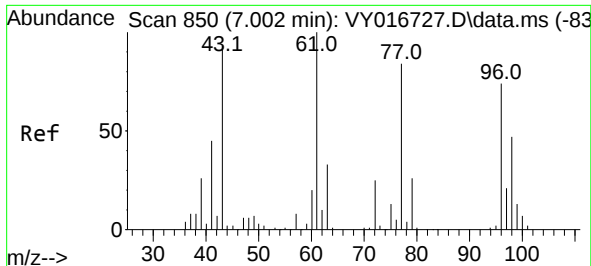
Tgt Ion: 77 Resp: 47030

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.997 ug/l

RT: 7.027 min Scan# 850

Delta R.T. 0.025 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 96 Resp: 3669

Ion Ratio Lower Upper

96 100

61 143.5 0.0 278.8

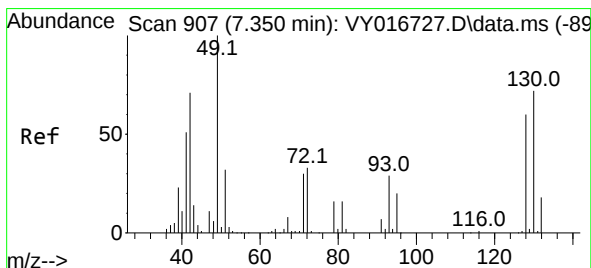
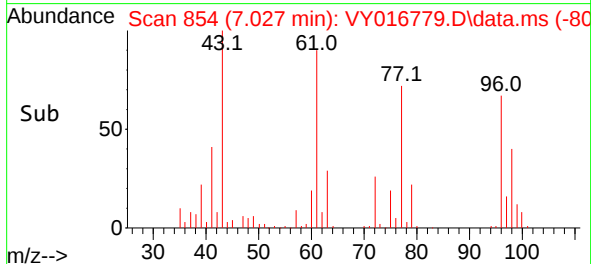
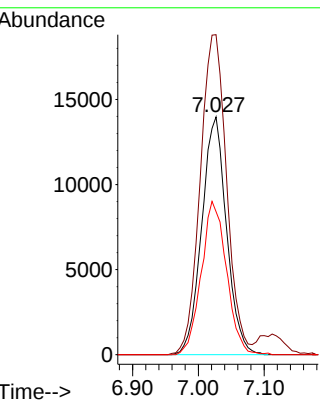
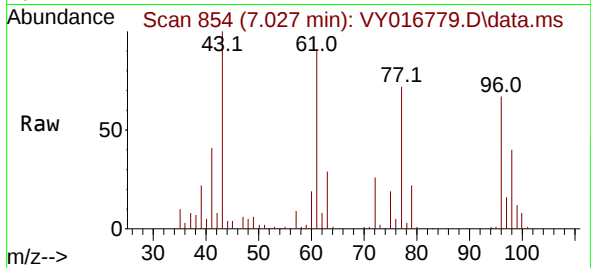
98 65.8 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#28

Bromochloromethane

Concen: 23.219 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.025 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

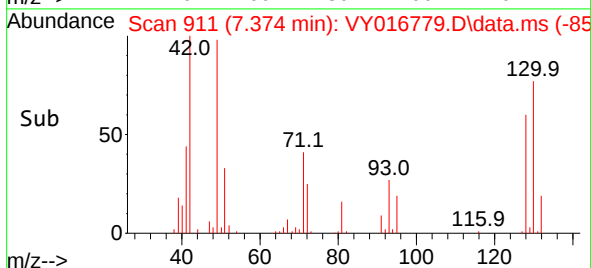
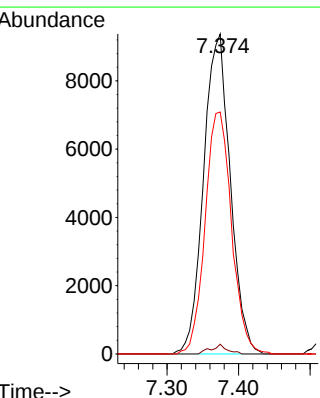
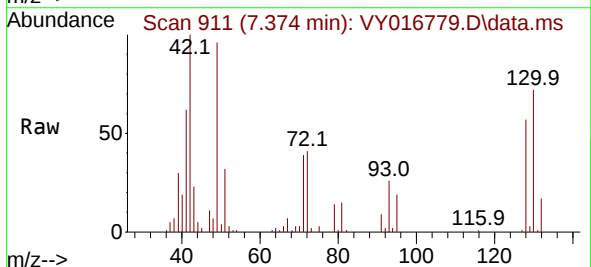
Tgt Ion: 49 Resp: 24311

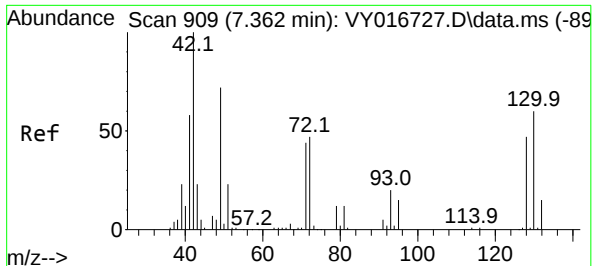
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 126.201 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.025 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

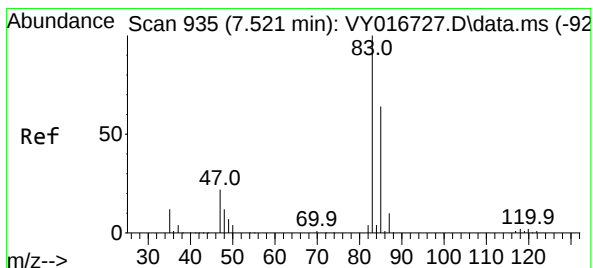
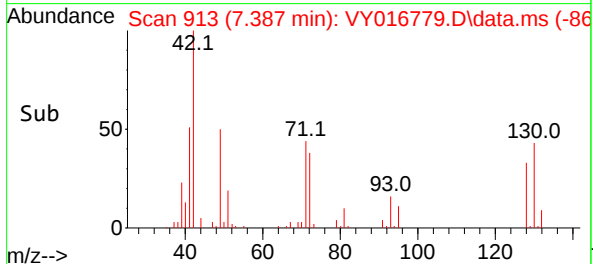
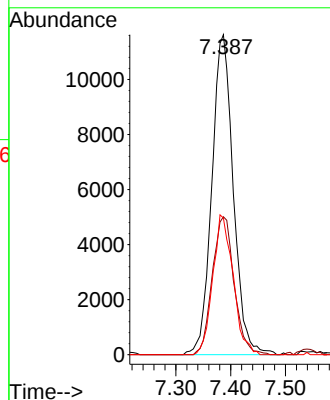
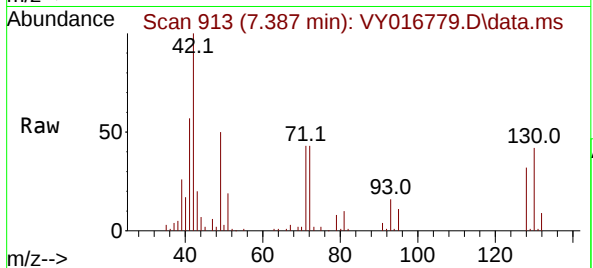
VY1221SBS03

Tgt Ion:	42	Resp:	3157
Ion Ratio	Lower	Upper	
42	100		
72	43.9	36.6	54.8
71	41.5	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#30

Chloroform

Concen: 22.956 ug/l

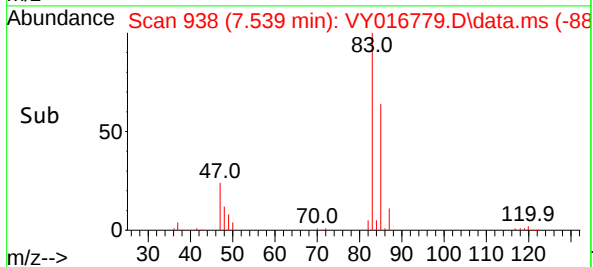
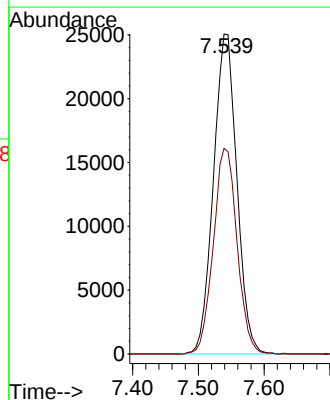
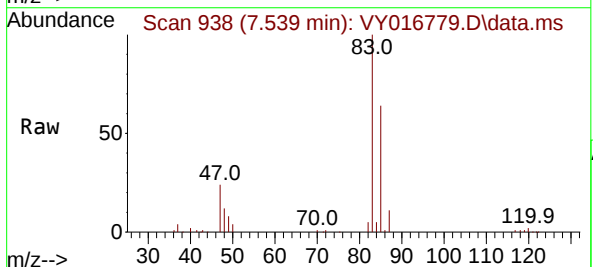
RT: 7.539 min Scan# 938

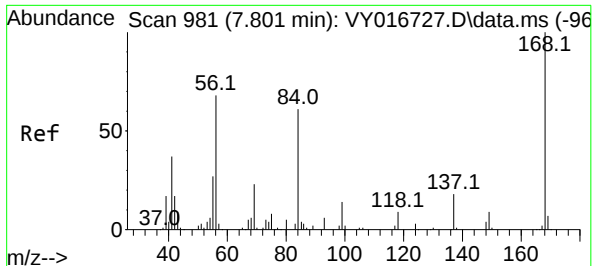
Delta R.T. 0.018 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

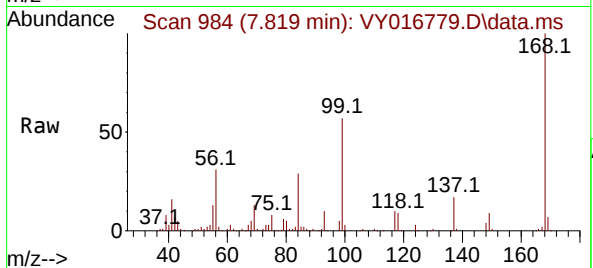
Tgt Ion:	83	Resp:	62166
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.2	76.8





#31
Cyclohexane
Concen: 19.438 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

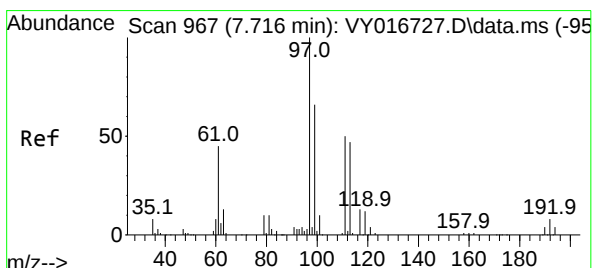
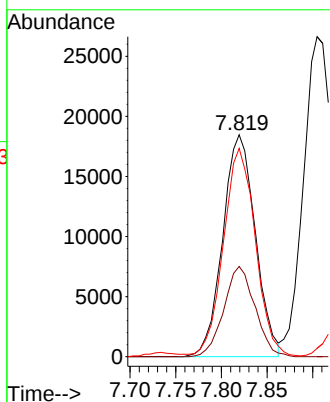
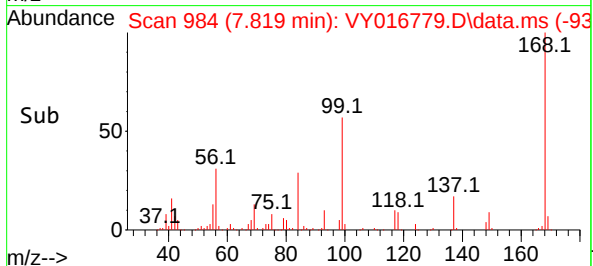
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion: 56 Resp: 45760
Ion Ratio Lower Upper
56 100
69 40.7 27.0 40.6
84 92.8 71.8 107.6

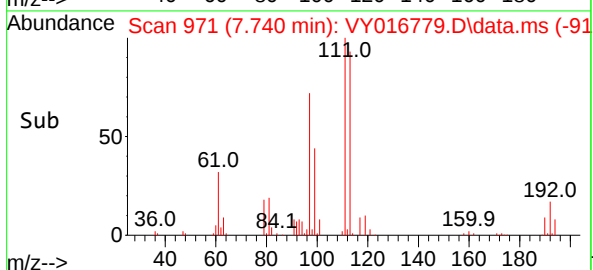
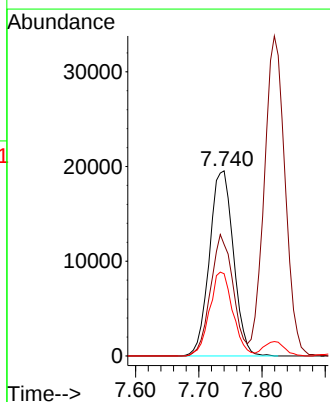
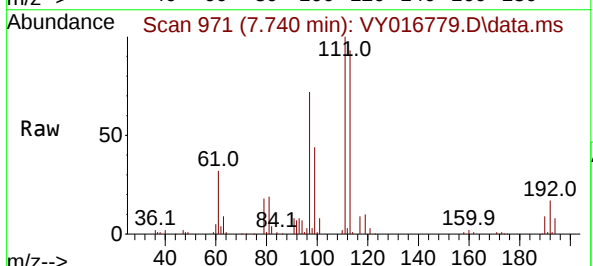
Manual Integrations
APPROVED

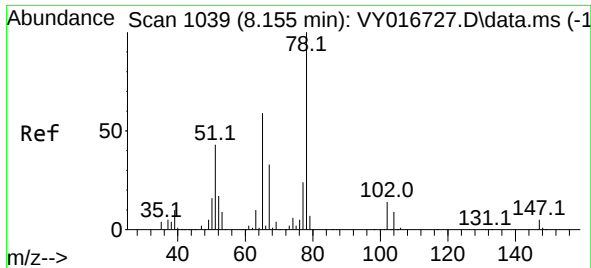
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#32
1,1,1-Trichloroethane
Concen: 21.663 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 97 Resp: 51495
Ion Ratio Lower Upper
97 100
99 61.7 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 60.405 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 65 Resp: 7423

Ion Ratio Lower Upper

65 100

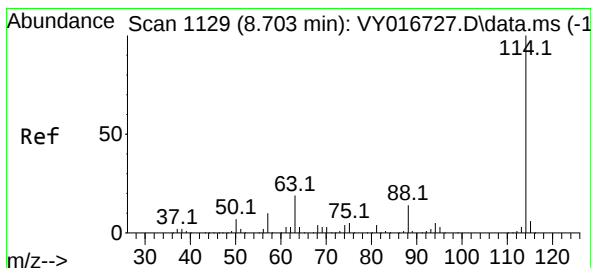
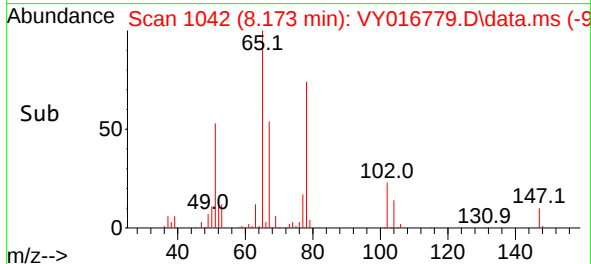
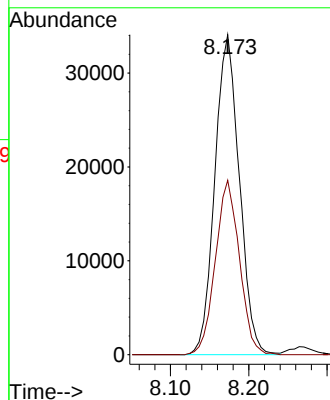
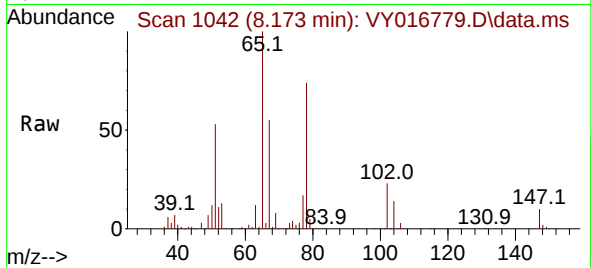
67 53.5 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

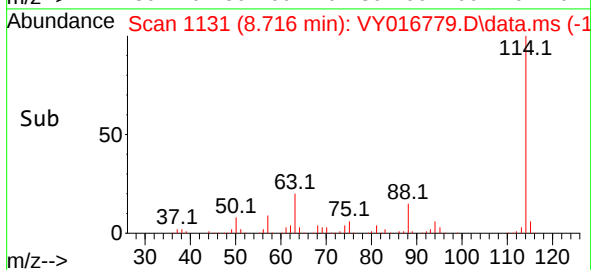
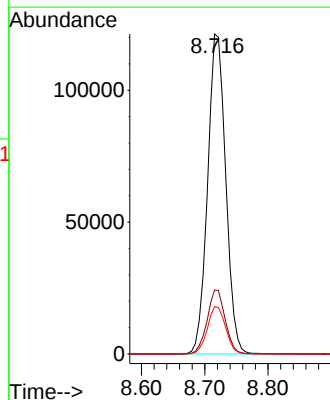
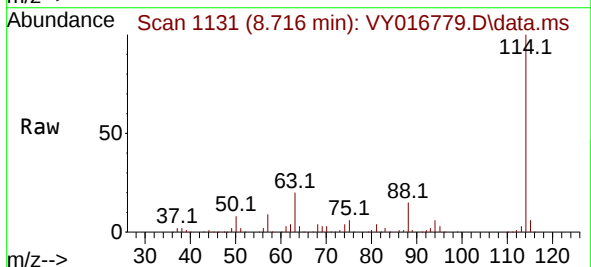
Tgt Ion:114 Resp: 241839

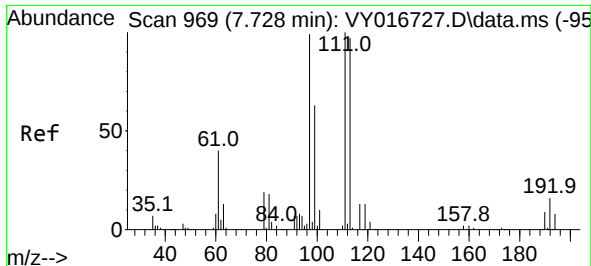
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

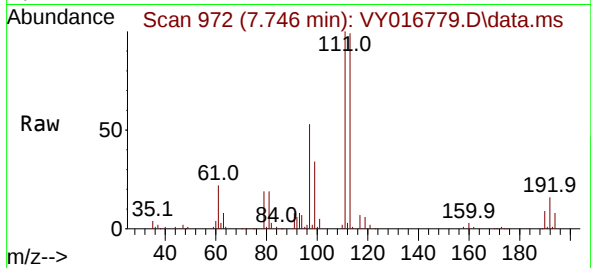
88 14.8 0.0 29.0





#35
Dibromofluoromethane
Concen: 54.521 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

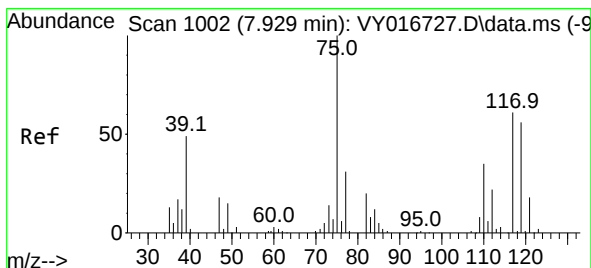
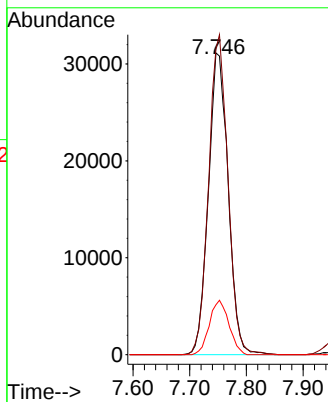
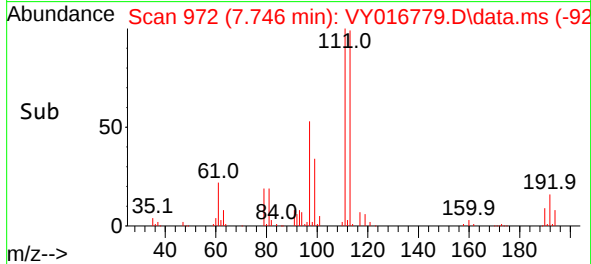
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion:113 Resp: 75529
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.8 14.5 21.7

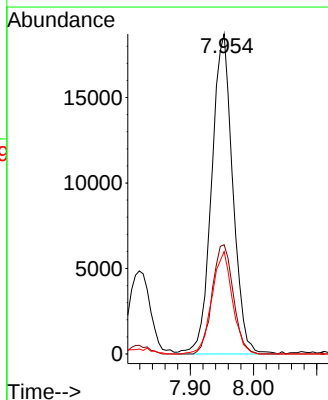
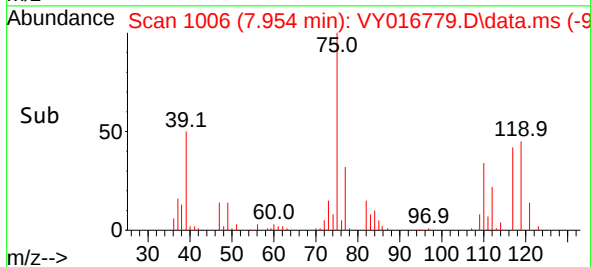
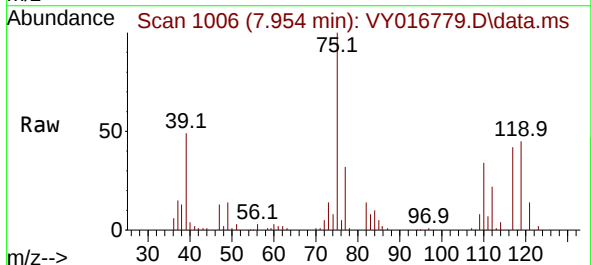
Manual Integrations
APPROVED

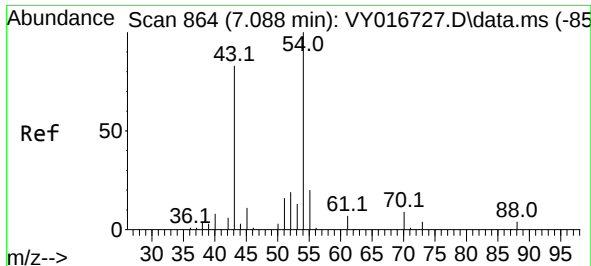
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#36
1,1-Dichloropropene
Concen: 19.532 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 75 Resp: 43379
Ion Ratio Lower Upper
75 100
110 34.0 17.4 52.3
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 24.716 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

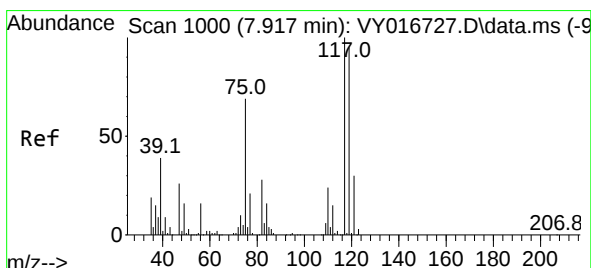
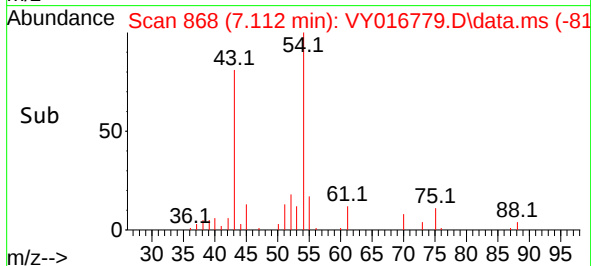
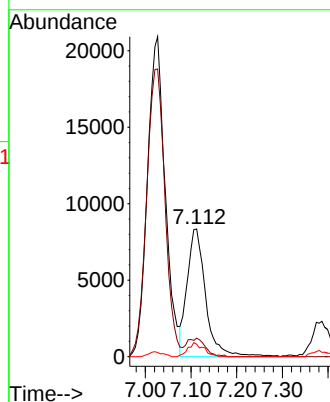
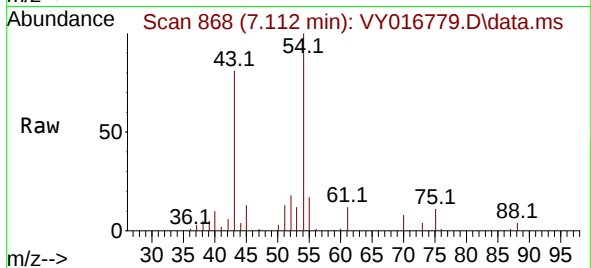
Tgt Ion: 43 Resp: 23528

Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.6
70	9.2	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#38

Carbon Tetrachloride

Concen: 18.991 ug/l

RT: 7.935 min Scan# 1003

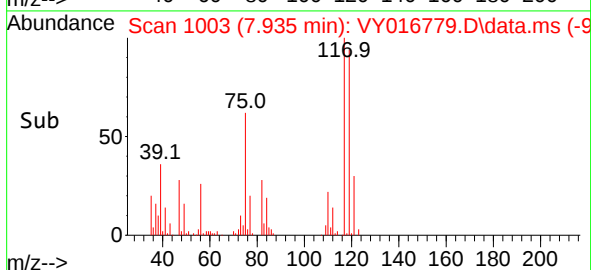
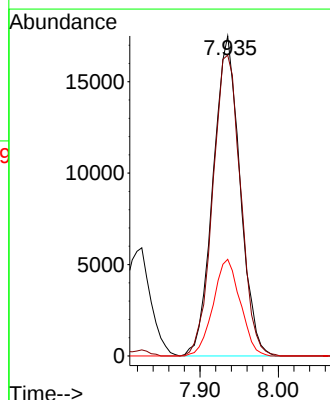
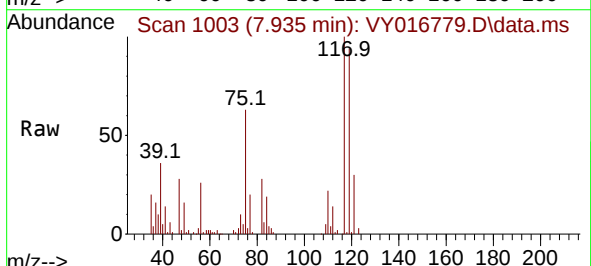
Delta R.T. 0.018 min

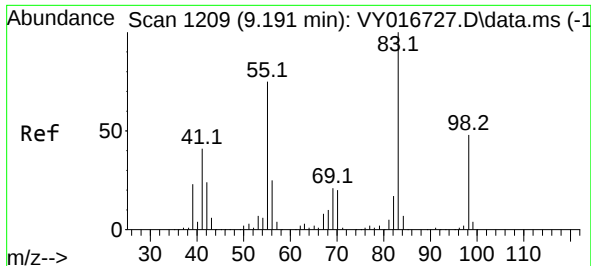
Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion:117 Resp: 41735

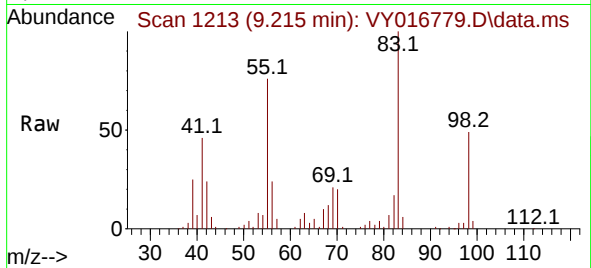
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.0	114.0
121	30.2	24.2	36.2





#39
Methylcyclohexane
Concen: 17.511 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

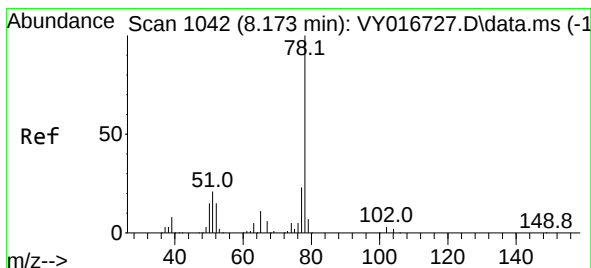
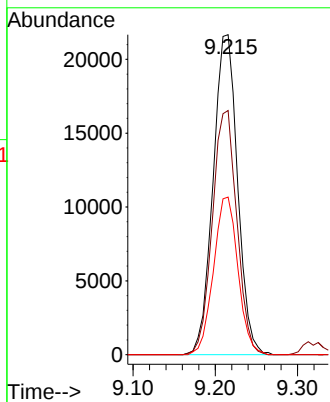
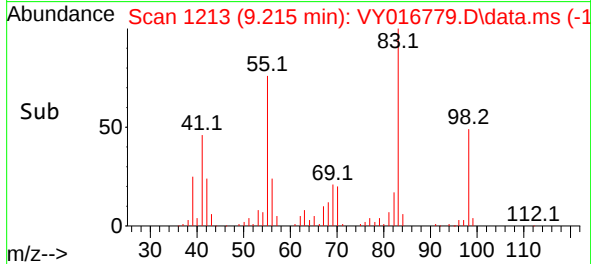
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion: 83 Resp: 44902
Ion Ratio Lower Upper
83 100
55 76.3 59.7 89.5
98 49.3 38.0 57.0

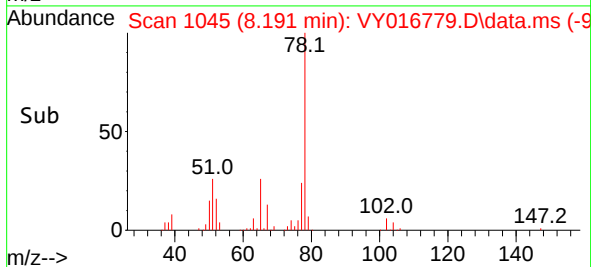
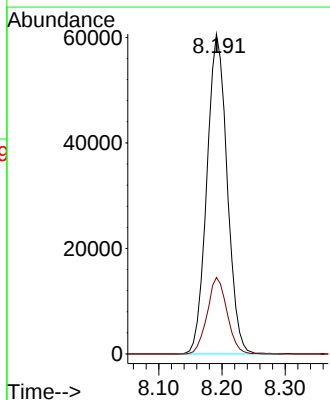
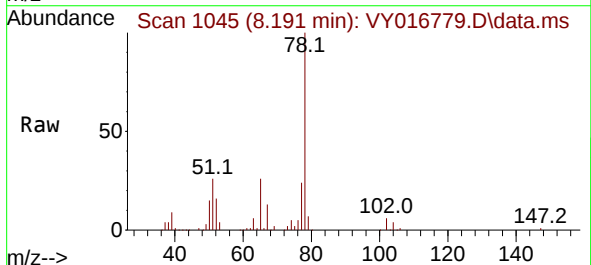
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#40
Benzene
Concen: 20.894 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 78 Resp: 135032
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





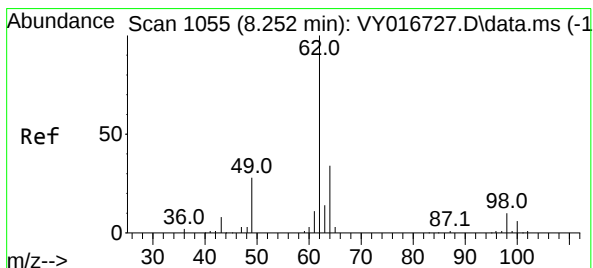
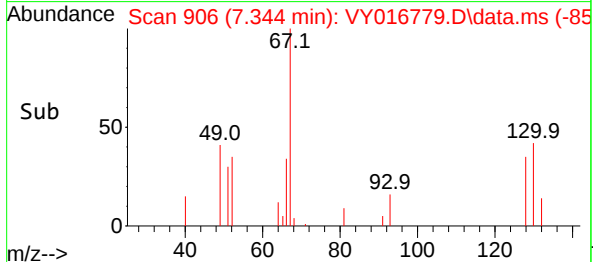
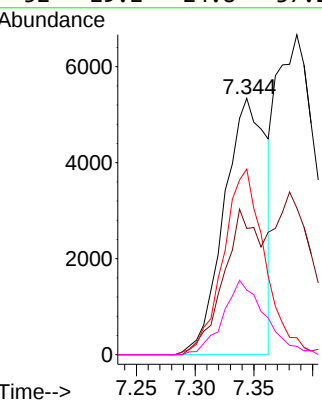
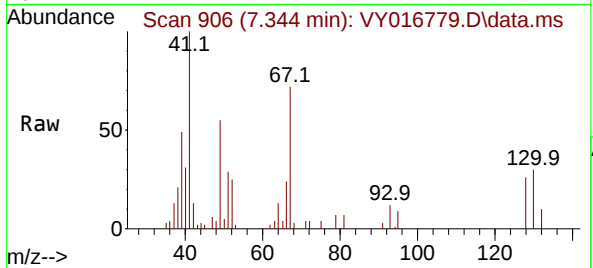
#41
Methacrylonitrile
Concen: 26.264 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 41 Resp: 13274
Ion Ratio Lower Upper
41 100
39 47.5 41.9 62.9
67 72.2 59.8 89.6
52 29.2 24.8 37.2

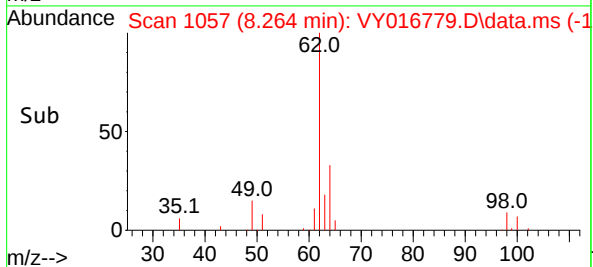
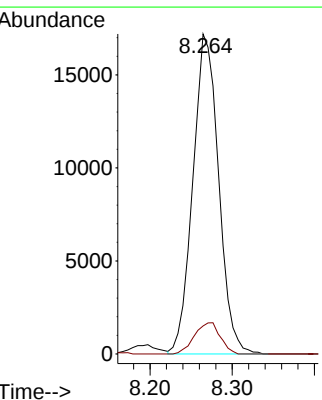
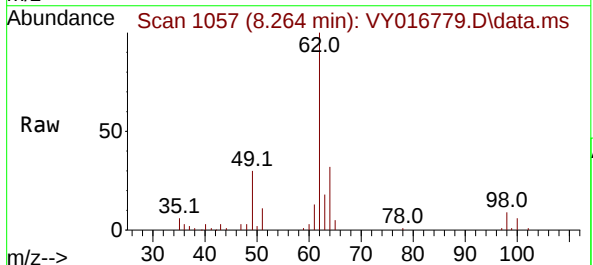
Manual Integrations
APPROVED

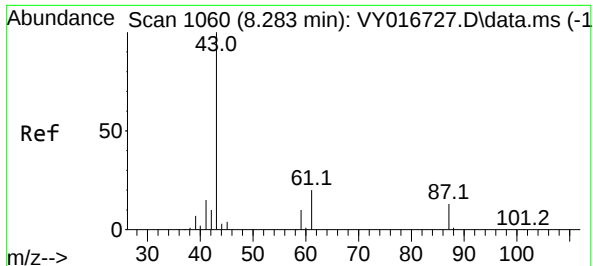
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 22.195 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 62 Resp: 37423
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





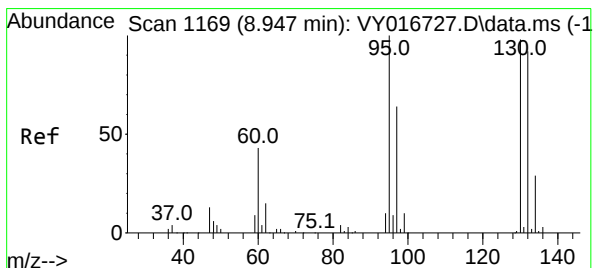
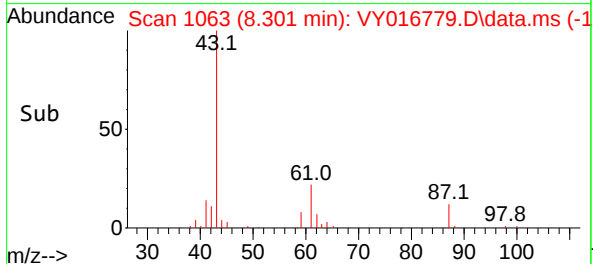
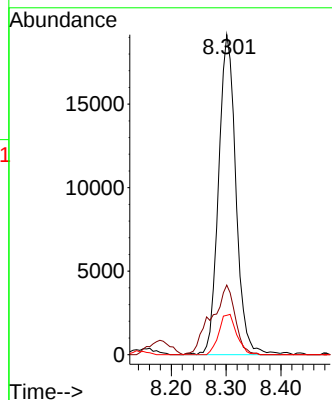
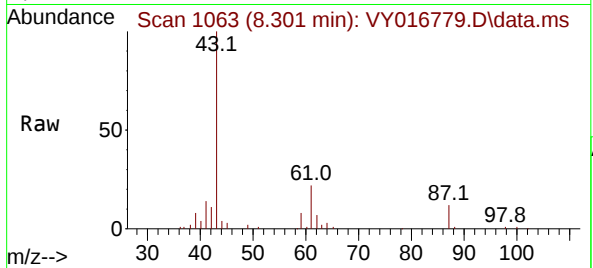
#43
Isopropyl Acetate
Concen: 22.775 ug/l
RT: 8.301 min Scan# 1107
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 43 Resp: 4210
Ion Ratio Lower Upper
43 100
61 29.7 24.8 37.2
87 13.0 10.7 16.1

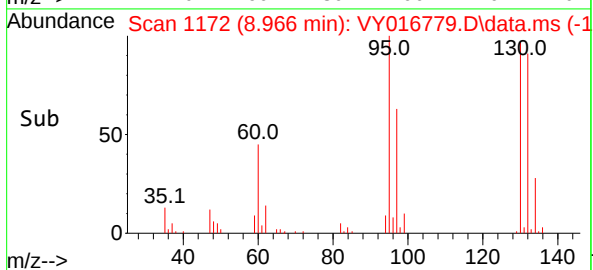
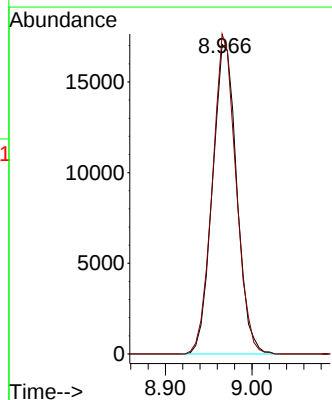
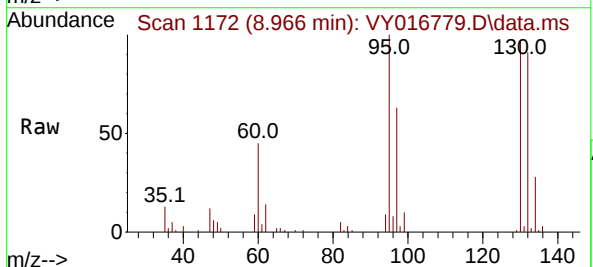
Manual Integrations
APPROVED

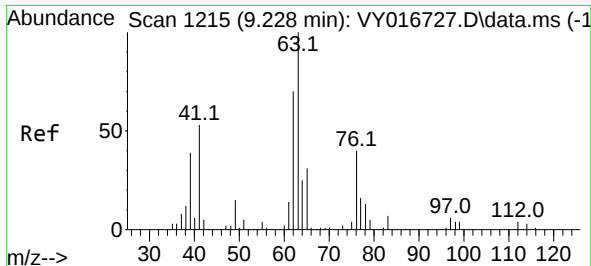
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#44
Trichloroethene
Concen: 20.170 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion:130 Resp: 33271
Ion Ratio Lower Upper
130 100
95 103.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.484 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. 0.018 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 63 Resp: 34830

Ion Ratio Lower Upper

63 100

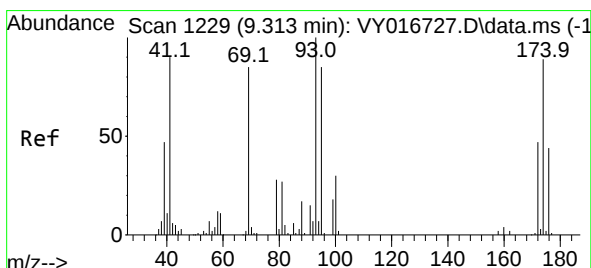
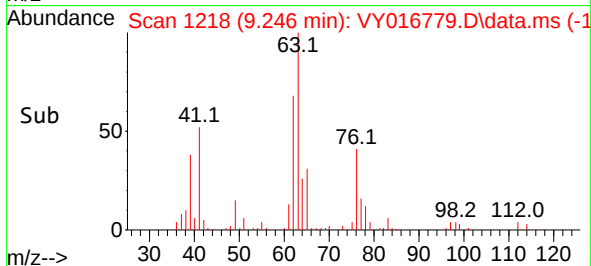
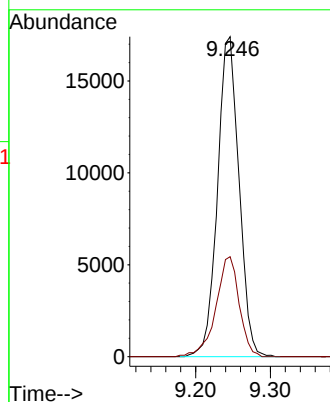
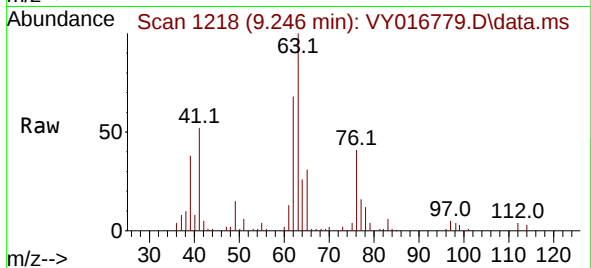
65 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#46

Dibromomethane

Concen: 21.612 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

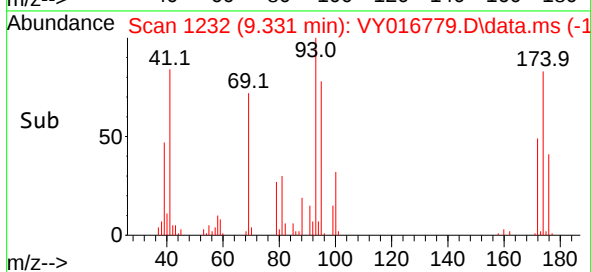
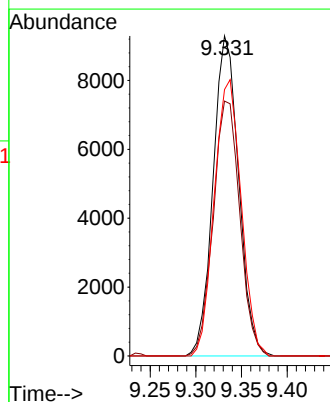
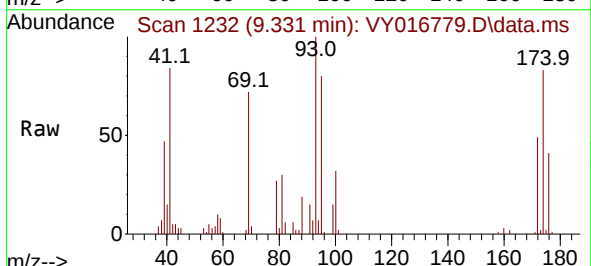
Tgt Ion: 93 Resp: 18100

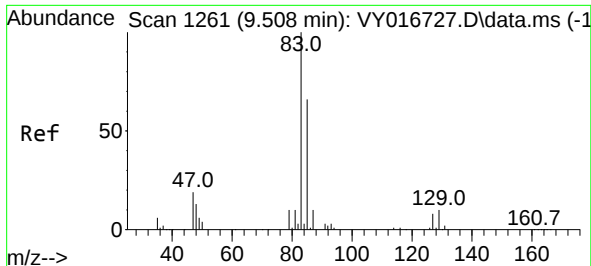
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 90.4 73.8 110.6





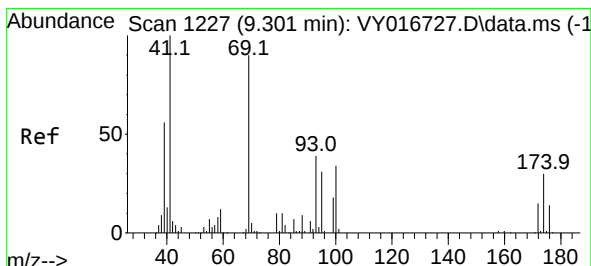
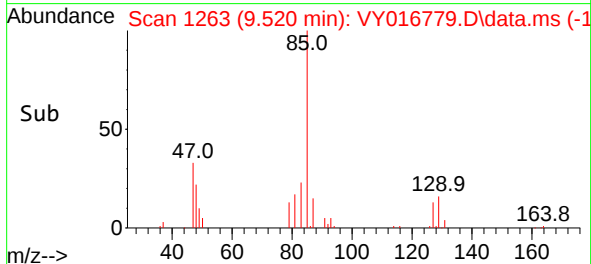
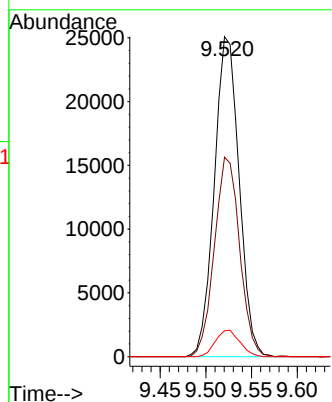
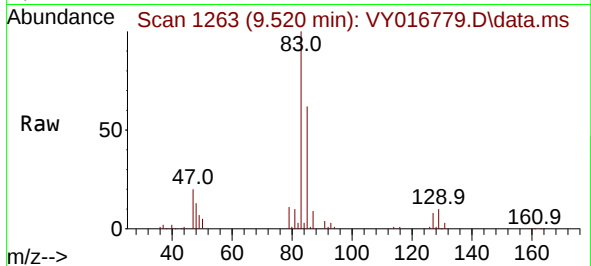
#47
Bromodichloromethane
Concen: 21.456 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 83 Resp: 47362
Ion Ratio Lower Upper
83 100
85 62.3 53.2 79.8
127 8.1 6.4 9.6

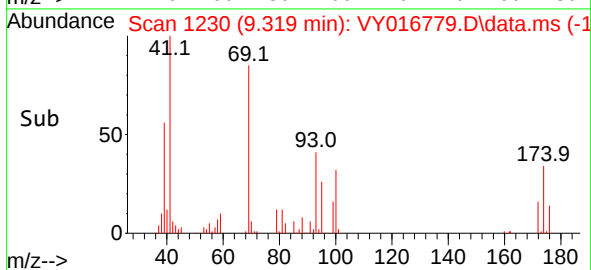
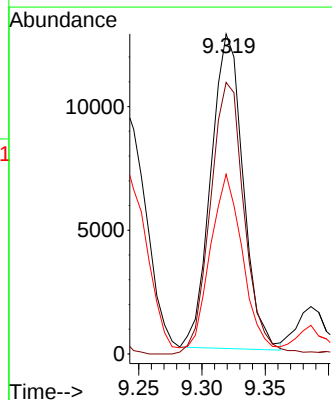
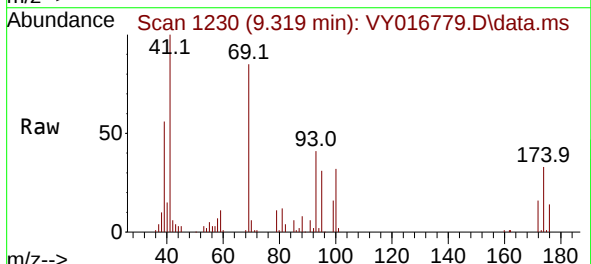
Manual Integrations
APPROVED

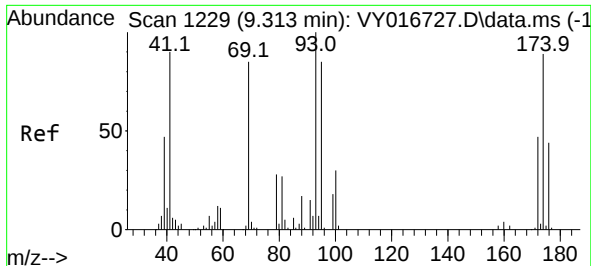
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#48
Methyl methacrylate
Concen: 21.930 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 41 Resp: 22534
Ion Ratio Lower Upper
41 100
69 91.0 72.1 108.1
39 58.5 42.8 64.2





#49

1,4-Dioxane

Concen: 470.430 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 88 Resp: 3824

Ion Ratio Lower Upper

88 100

43 33.1 28.2 42.4

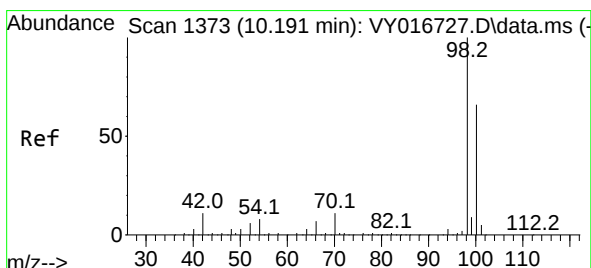
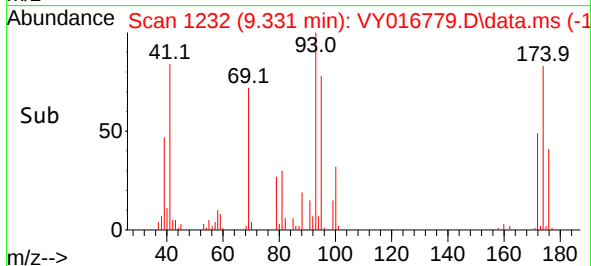
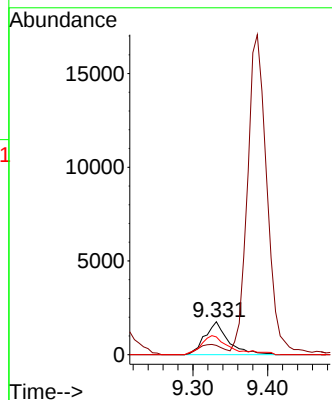
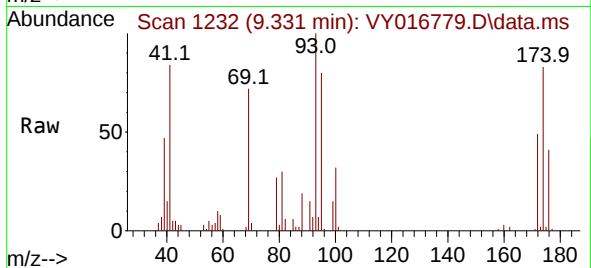
58 69.8 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#50

Toluene-d8

Concen: 54.754 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016779.D

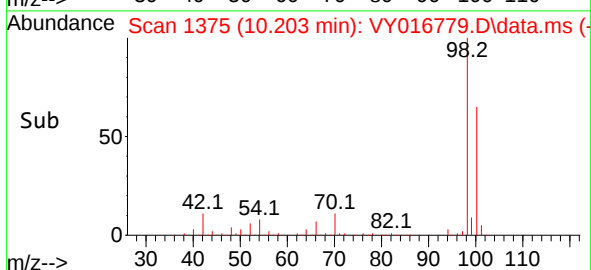
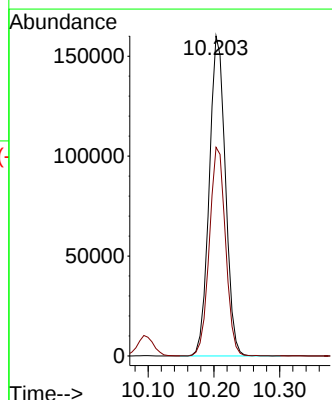
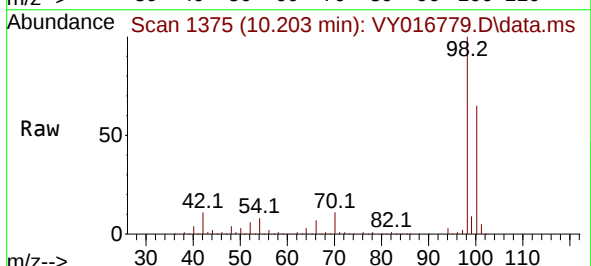
Acq: 22 Dec 2023 01:05

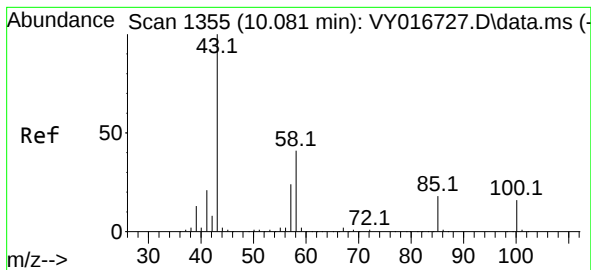
Tgt Ion: 98 Resp: 273437

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5





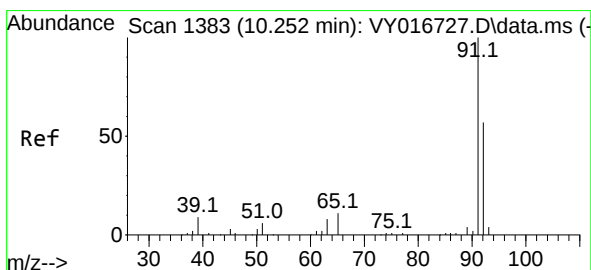
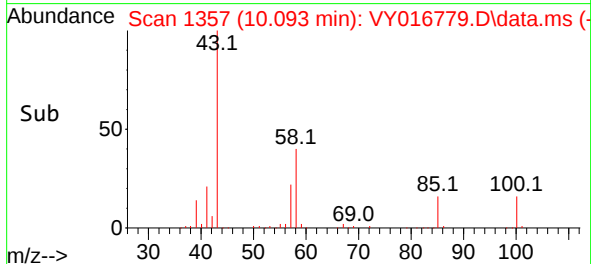
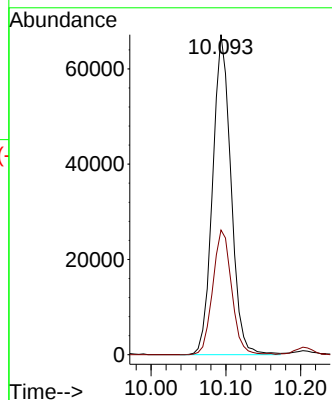
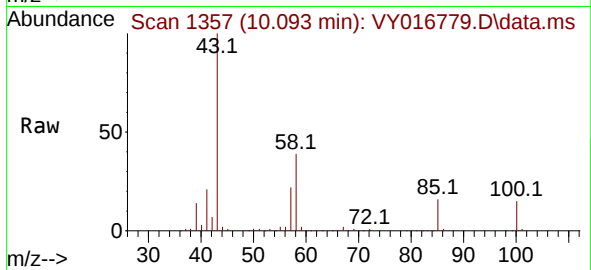
#51
4-Methyl-2-Pentanone
Concen: 116.394 ug/l
RT: 10.093 min Scan# 11465
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 43 Resp: 11465
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2

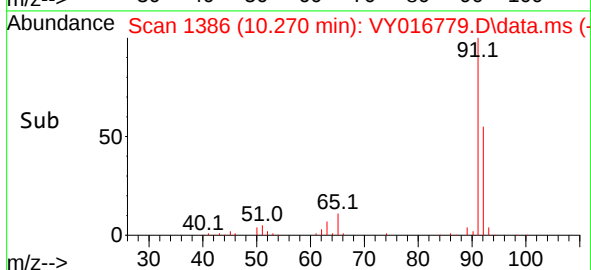
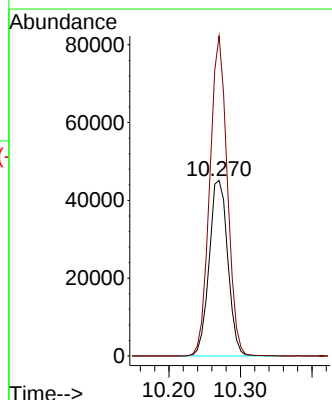
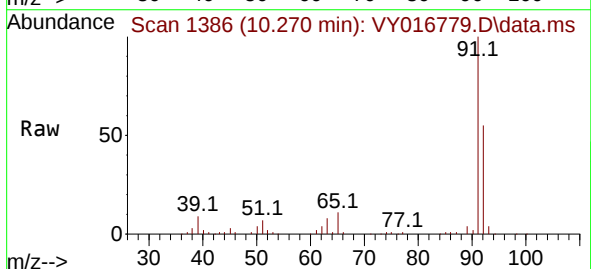
Manual Integrations
APPROVED

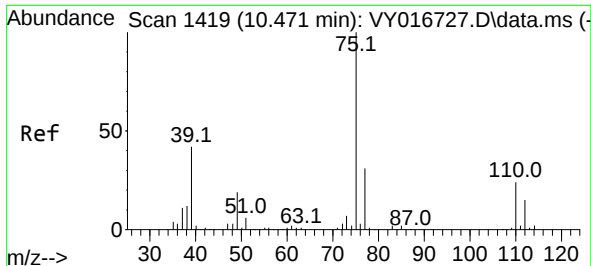
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 21.050 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

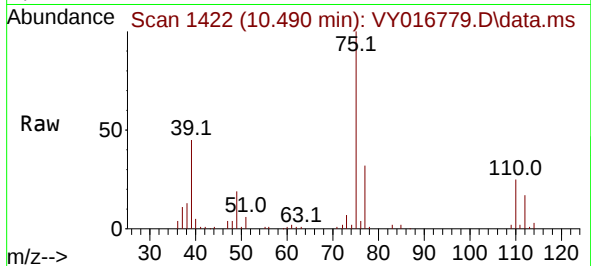
Tgt Ion: 92 Resp: 81527
Ion Ratio Lower Upper
92 100
91 171.7 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 21.008 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

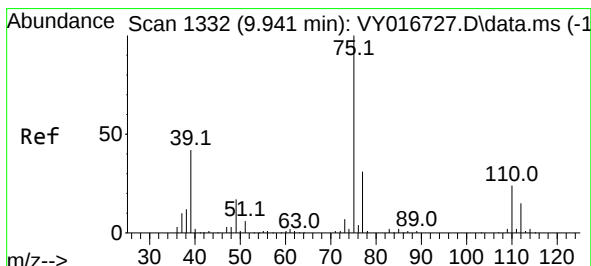
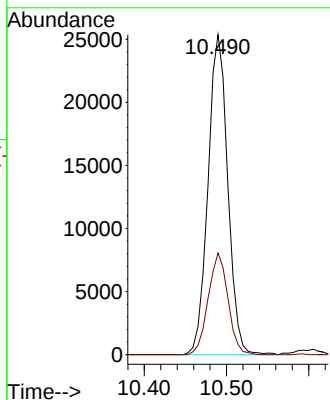
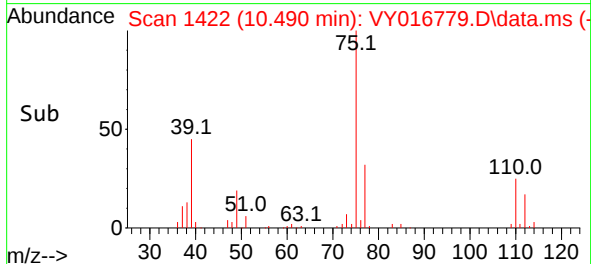
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



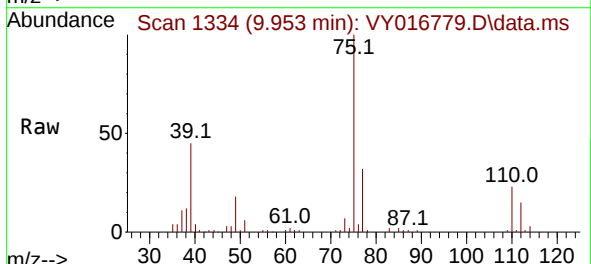
Tgt Ion: 75 Resp: 42285
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8

Manual Integrations
APPROVED

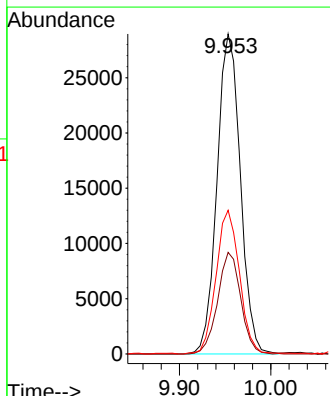
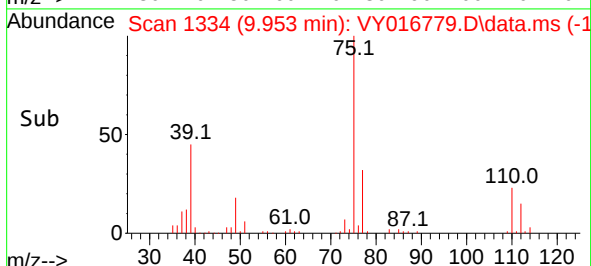
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

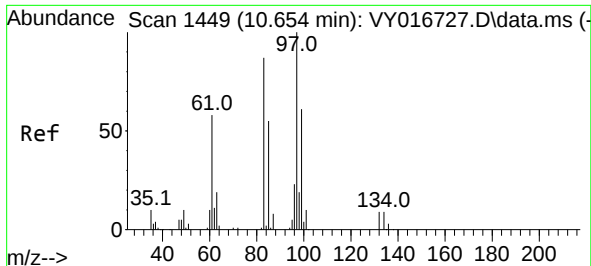


#54
cis-1,3-Dichloropropene
Concen: 21.169 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05



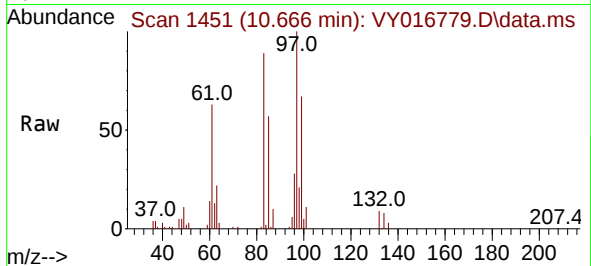
Tgt Ion: 75 Resp: 51394
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 44.9 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 21.887 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

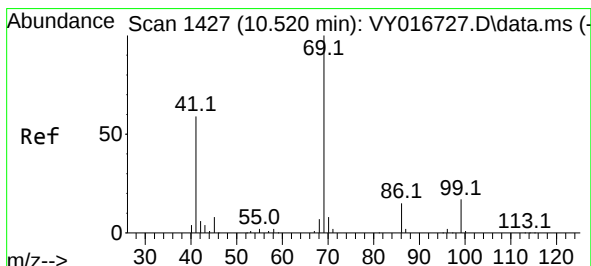
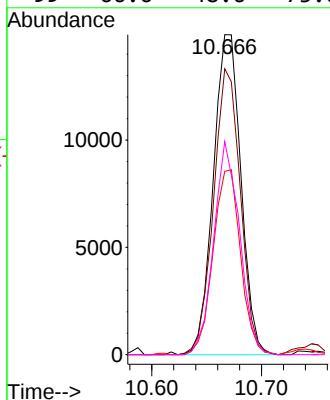
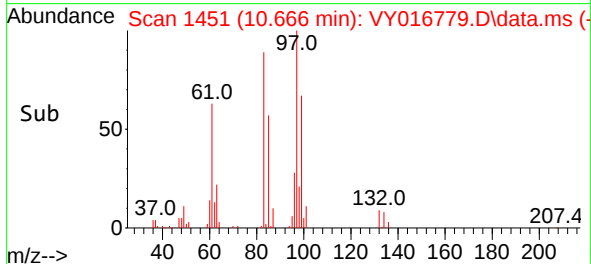
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



Tgt Ion:	97	Resp:	2615
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.4	104.2
85	57.3	43.9	65.9
99	66.6	48.6	73.0

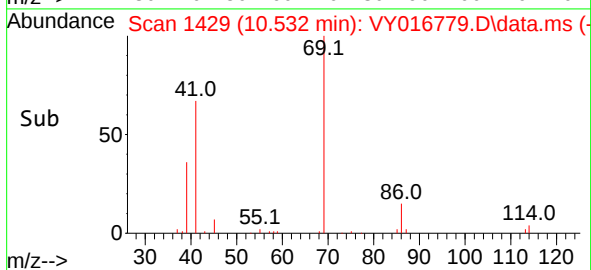
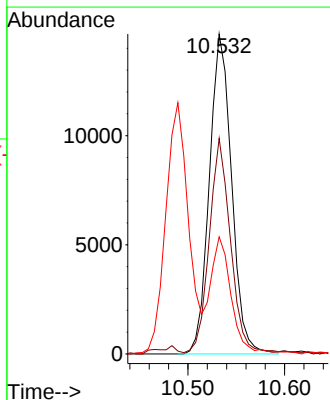
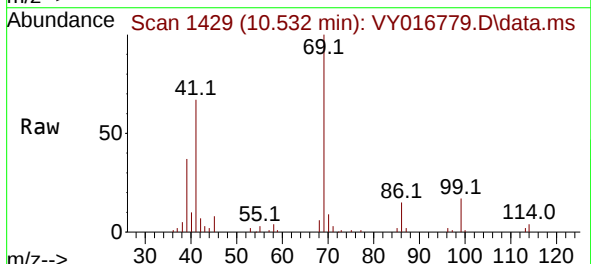
Manual Integrations
APPROVED

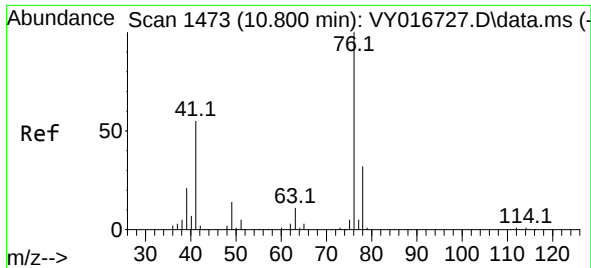
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#56
Ethyl methacrylate
Concen: 22.252 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

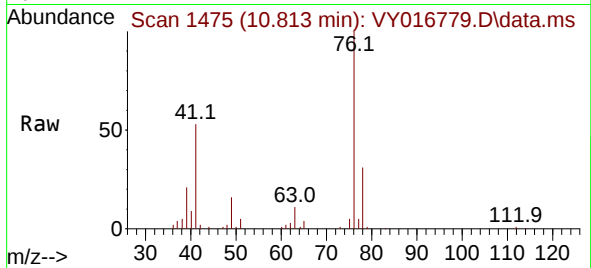
Tgt Ion:	69	Resp:	23381
Ion	Ratio	Lower	Upper
69	100		
41	65.6	49.2	73.8
39	34.6	26.8	40.2





#57
1,3-Dichloropropane
Concen: 22.604 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.013 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

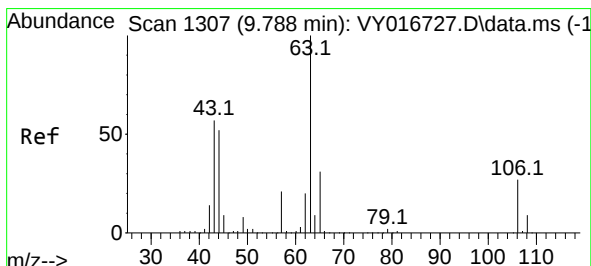
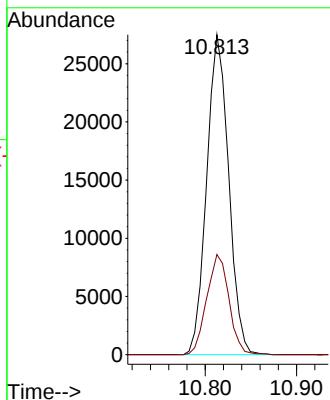
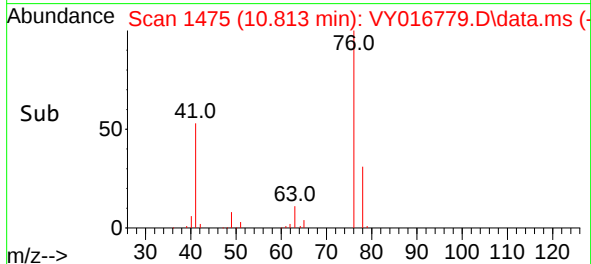
Instrument : MSVOA_Y
ClientSampleId : VY1221SBS03



Tgt Ion: 76 Resp: 45878
Ion Ratio Lower Upper
76 100
78 31.6 26.1 39.1

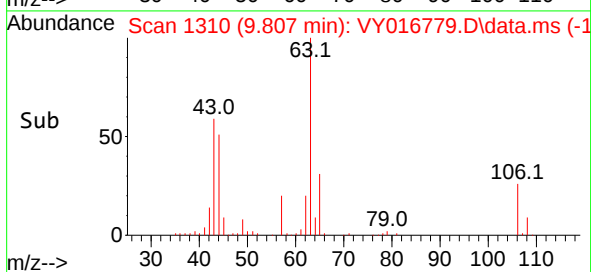
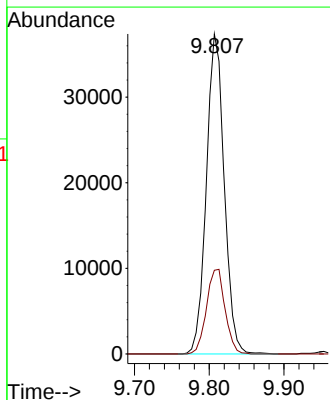
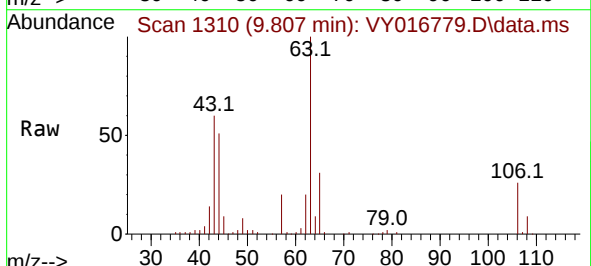
Manual Integrations
APPROVED

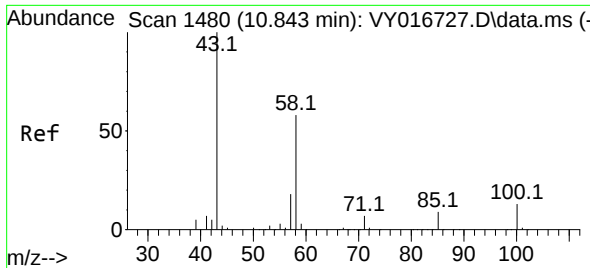
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 109.908 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

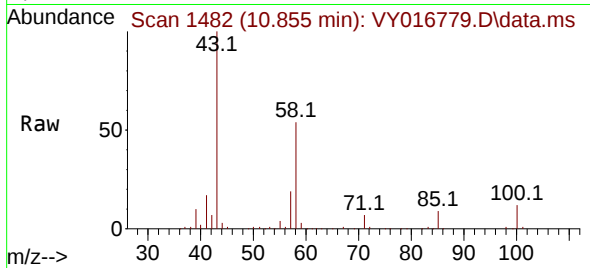
Tgt Ion: 63 Resp: 62125
Ion Ratio Lower Upper
63 100
106 27.5 22.4 33.6





#59
2-Hexanone
Concen: 110.737 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

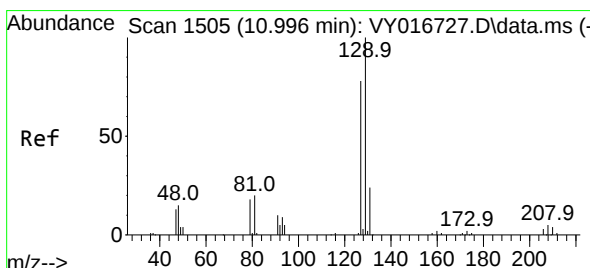
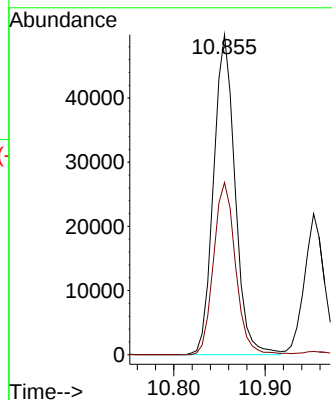
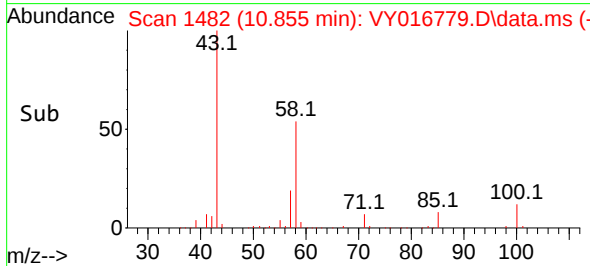
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



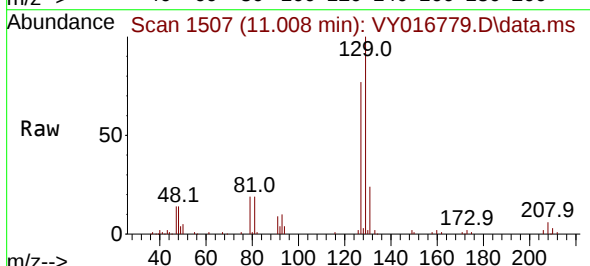
Tgt Ion: 43 Resp: 81340
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3

Manual Integrations
APPROVED

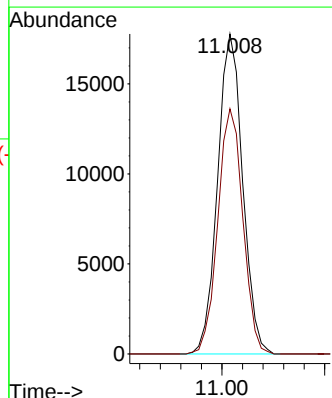
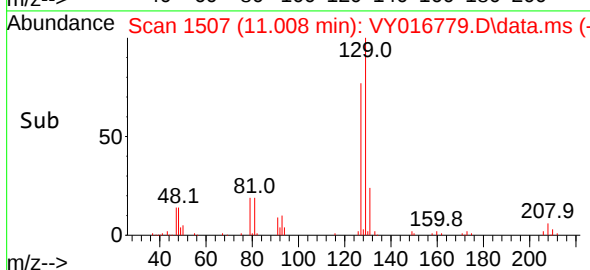
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

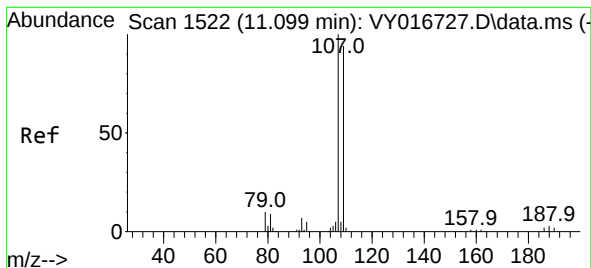


#60
Dibromochloromethane
Concen: 21.762 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05



Tgt Ion:129 Resp: 30082
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





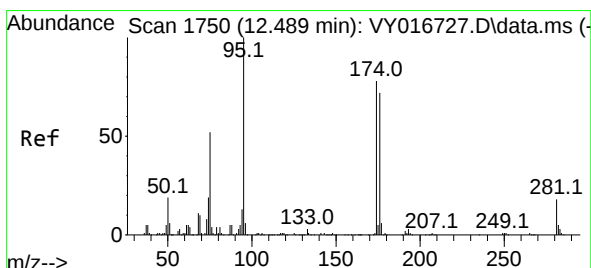
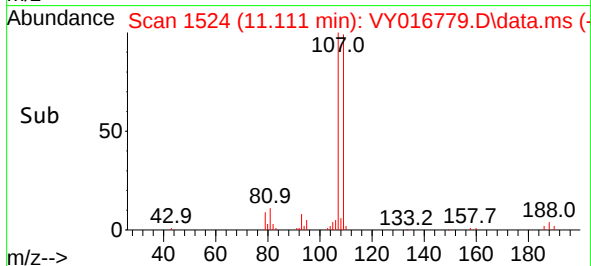
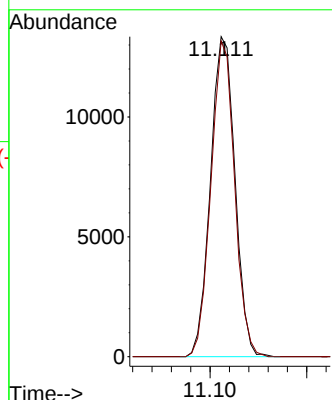
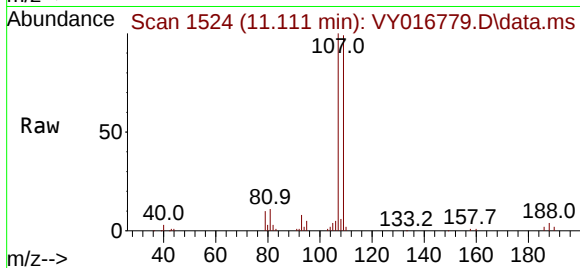
#61
1,2-Dibromoethane
Concen: 21.933 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion:107 Resp: 2350
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2

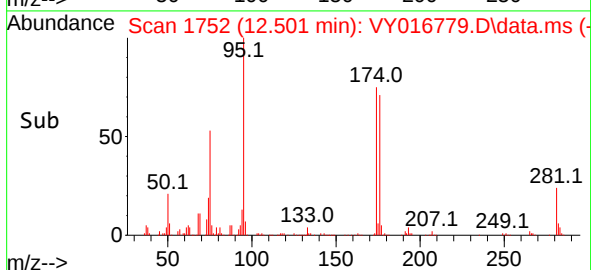
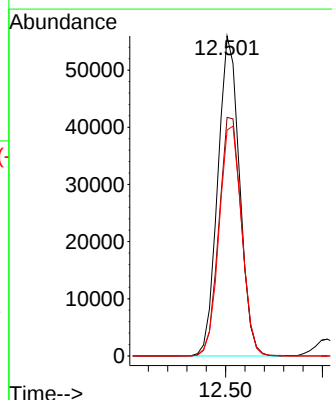
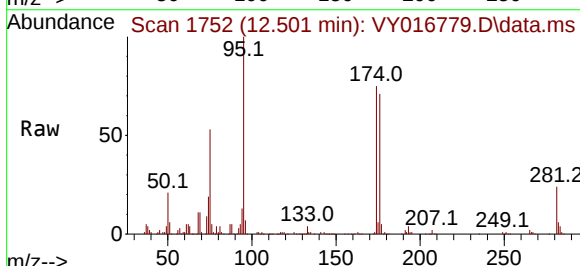
Manual Integrations
APPROVED

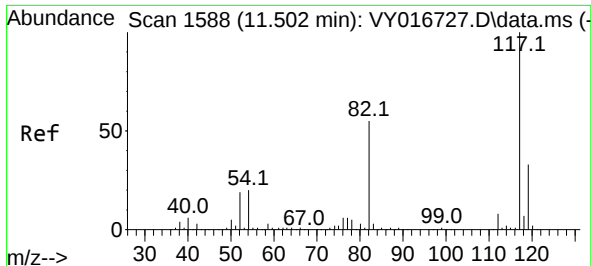
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#62
4-Bromofluorobenzene
Concen: 53.829 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

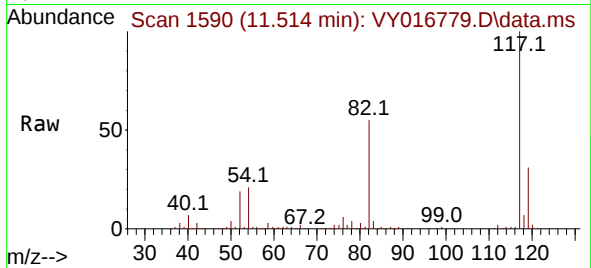
Tgt Ion: 95 Resp: 87212
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.0
176 74.7 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

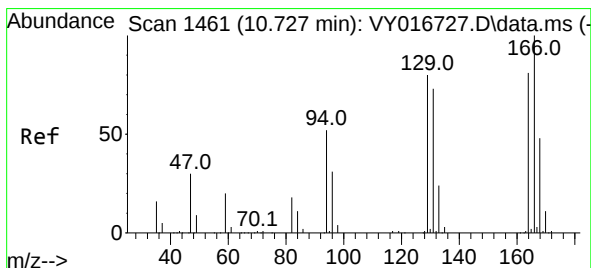
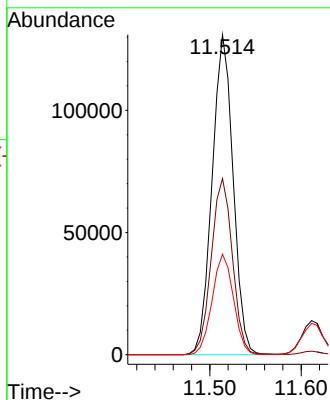
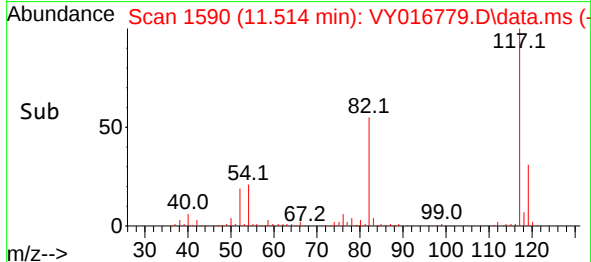
Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03



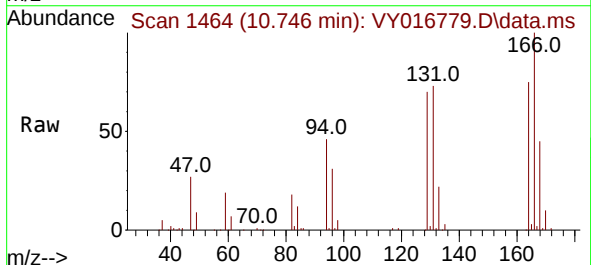
Tgt Ion:117 Resp: 20951
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.4 26.5 39.7

Manual Integrations
APPROVED

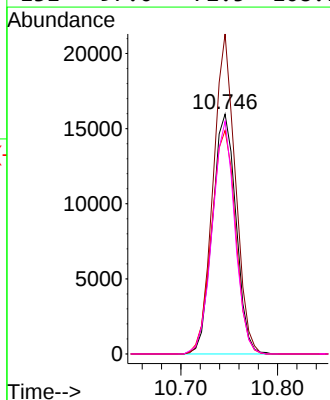
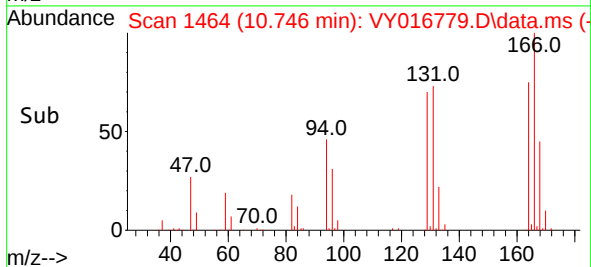
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

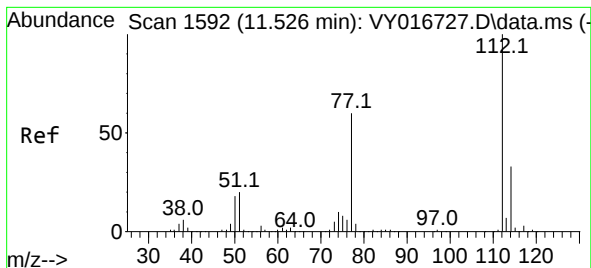


#64
Tetrachloroethene
Concen: 20.696 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05



Tgt Ion:164 Resp: 26935
Ion Ratio Lower Upper
164 100
166 133.4 98.8 148.2
129 93.2 78.9 118.3
131 97.0 72.5 108.7





#65

Chlorobenzene

Concen: 20.706 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion:112 Resp: 8523

Ion Ratio Lower Upper

112 100

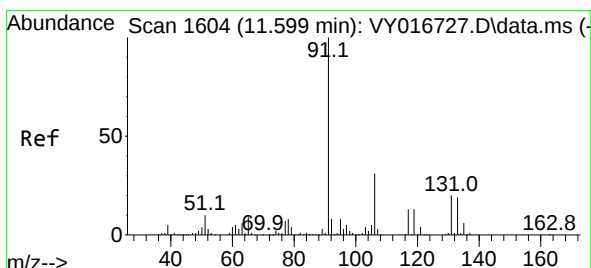
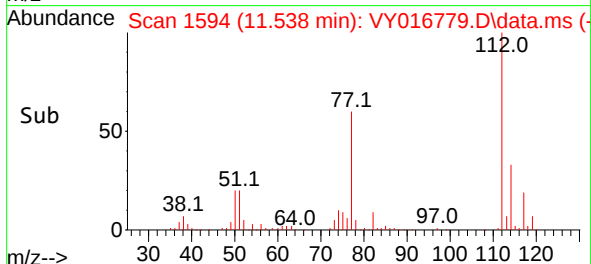
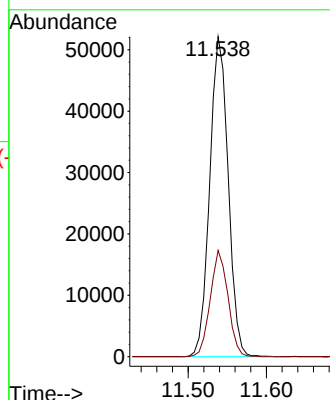
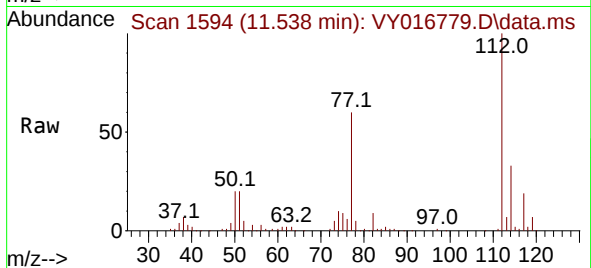
114 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.721 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

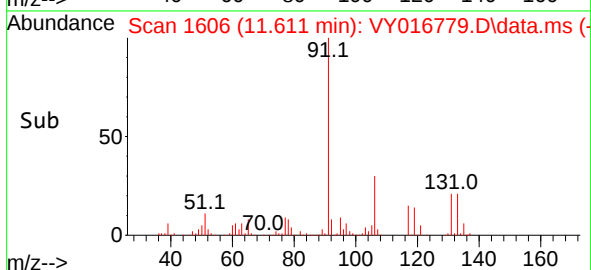
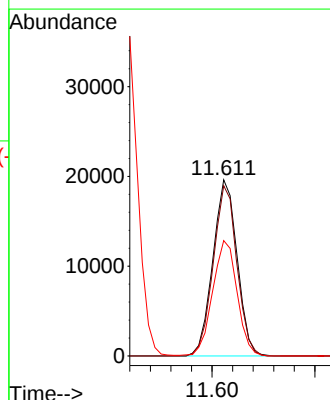
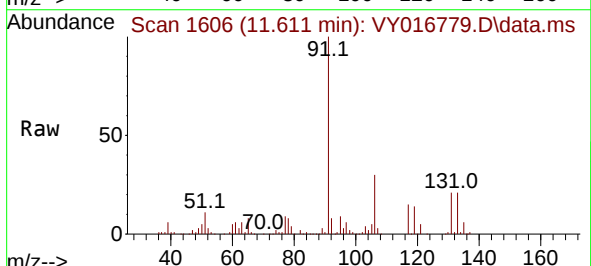
Tgt Ion:131 Resp: 32092

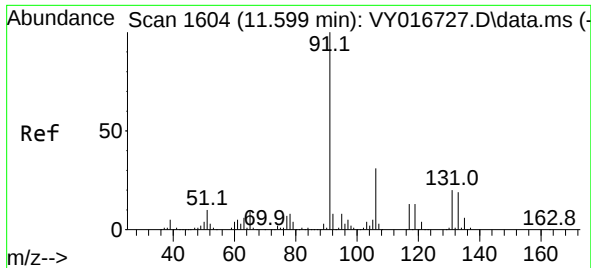
Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.0

119 66.2 33.3 99.9





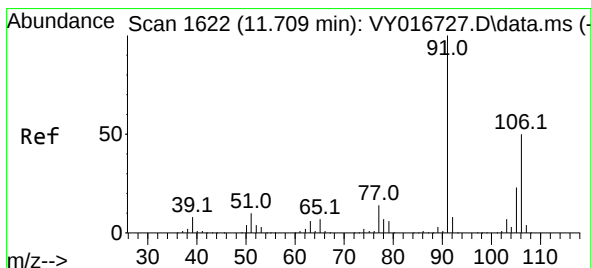
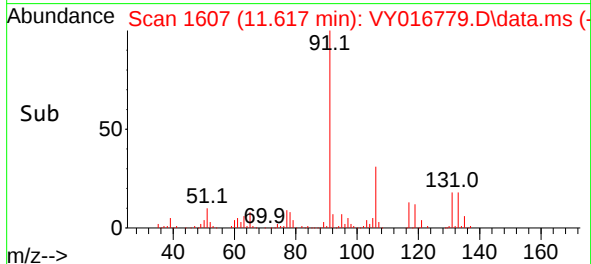
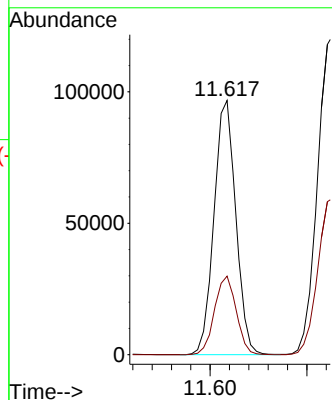
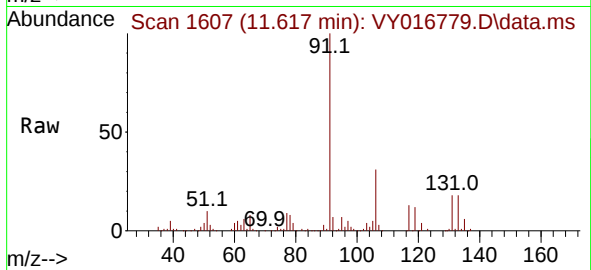
#67
Ethyl Benzene
Concen: 19.978 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 91 Resp: 151360
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4

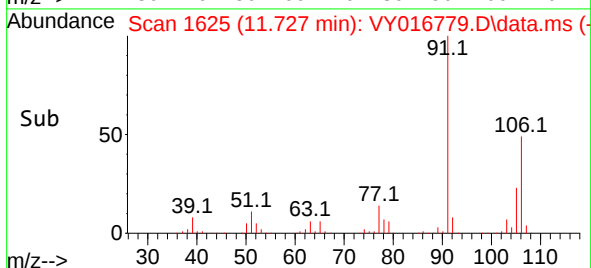
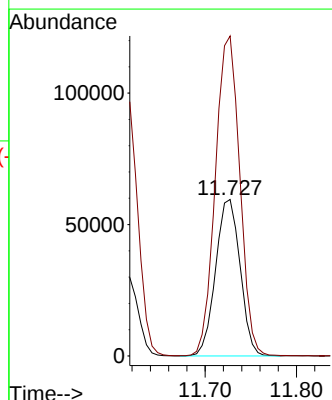
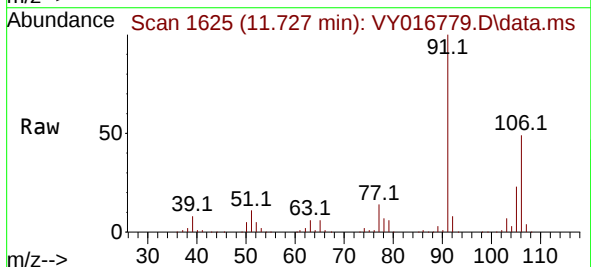
Manual Integrations
APPROVED

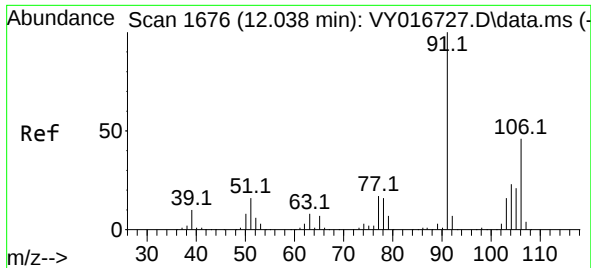
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#68
m/p-Xylenes
Concen: 39.668 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion:106 Resp: 110981
Ion Ratio Lower Upper
106 100
91 204.1 160.7 241.1





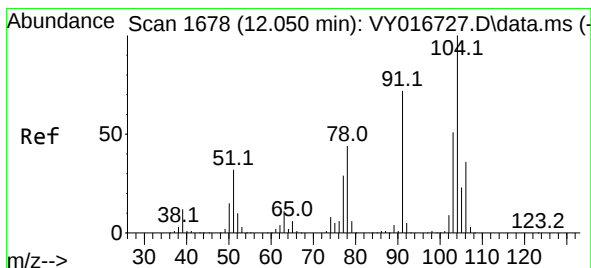
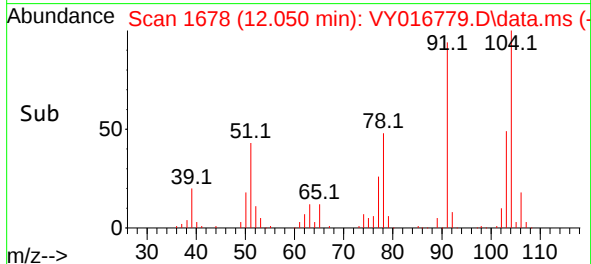
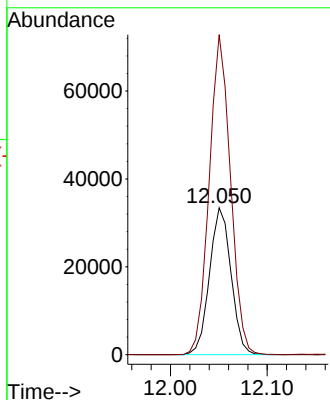
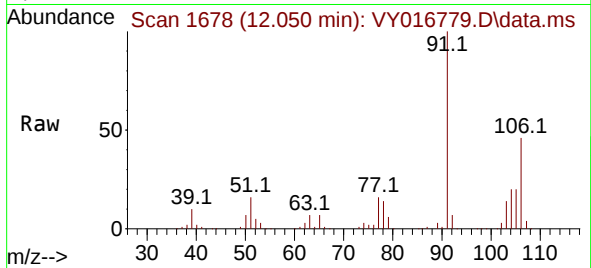
#69
o-Xylene
Concen: 20.125 ug/l
RT: 12.050 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion:106 Resp: 5165
Ion Ratio Lower Upper
106 100
91 215.7 106.5 319.5

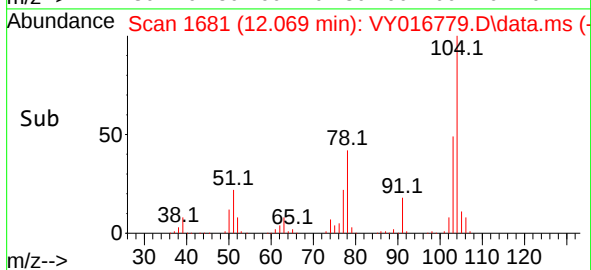
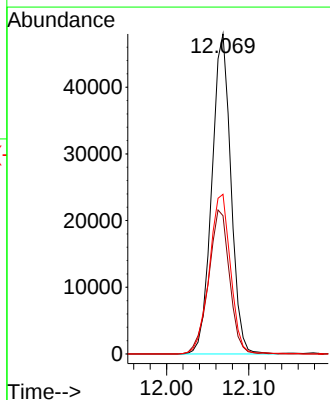
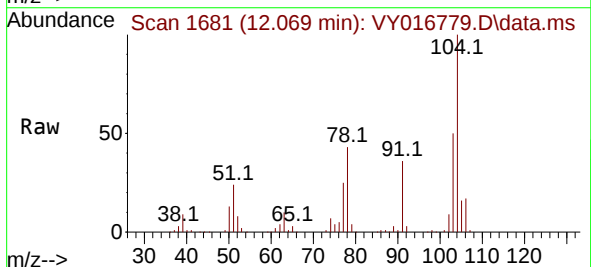
Manual Integrations
APPROVED

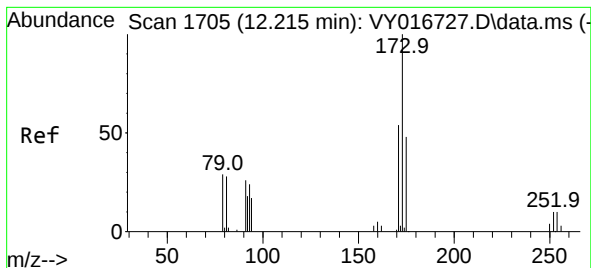
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 20.319 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.018 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion:104 Resp: 77173
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 55.9 43.8 65.6





#71

Bromoform

Concen: 20.966 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

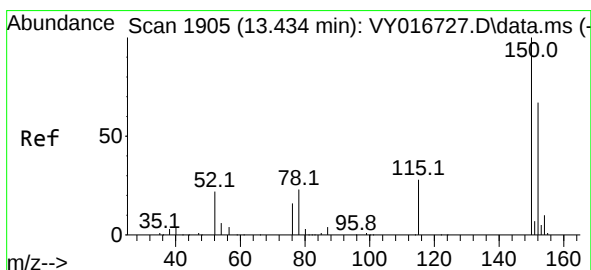
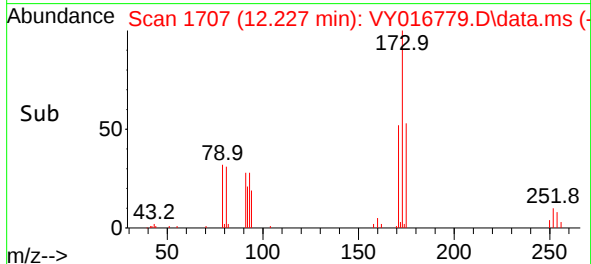
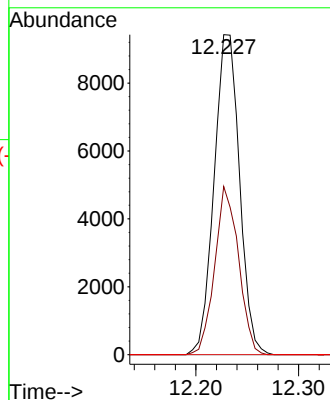
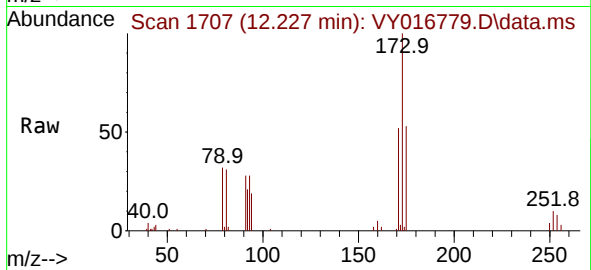
VY1221SBS03

Tgt Ion:	173	Resp:	16189
Ion Ratio	Lower	Upper	
173	100		
175	49.1	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

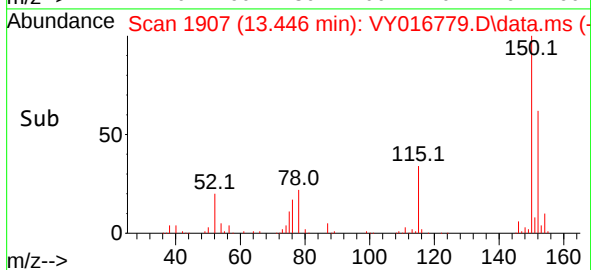
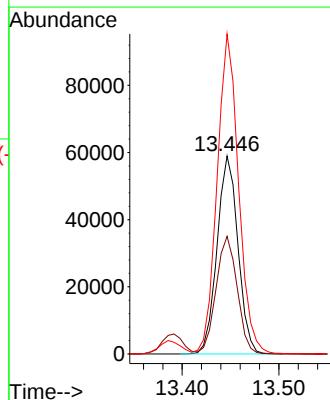
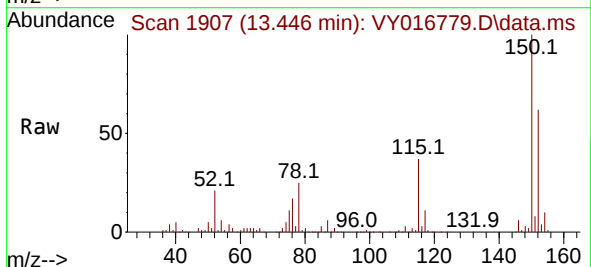
RT: 13.446 min Scan# 1907

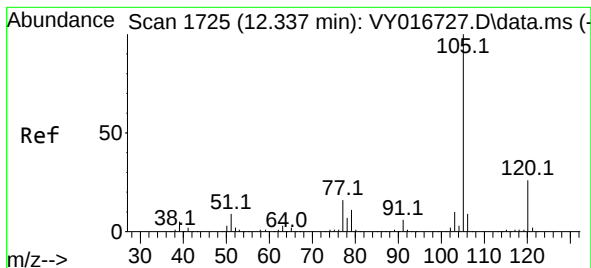
Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion:	152	Resp:	88324
Ion Ratio	Lower	Upper	
152	100		
115	59.9	30.0	90.0
150	166.2	0.0	344.6





#73

Isopropylbenzene

Concen: 20.103 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion:105 Resp: 13828

Ion Ratio Lower Upper

105 100

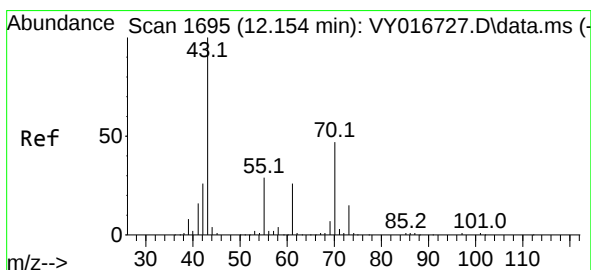
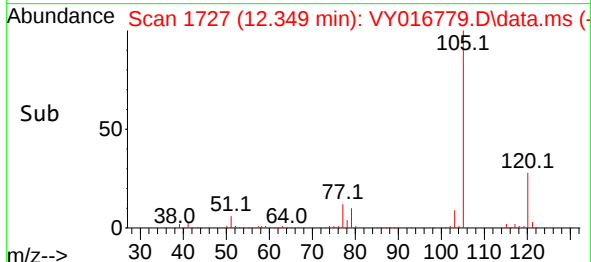
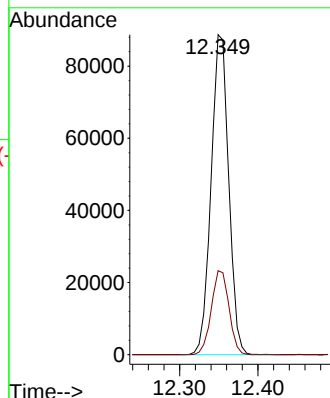
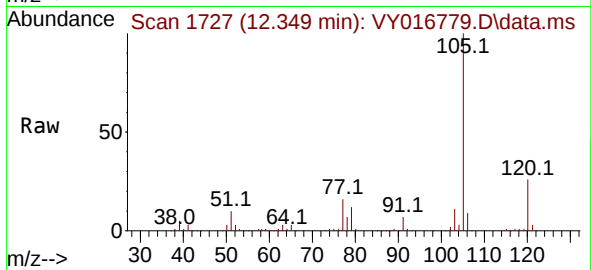
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#74

N-ethyl acetate

Concen: 22.386 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion: 43 Resp: 32317

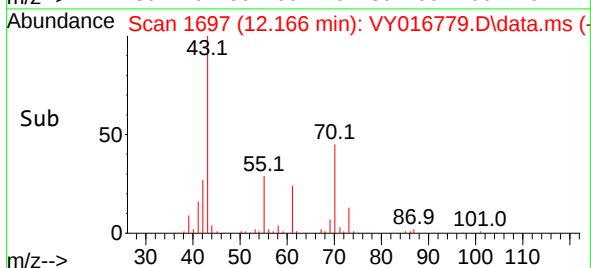
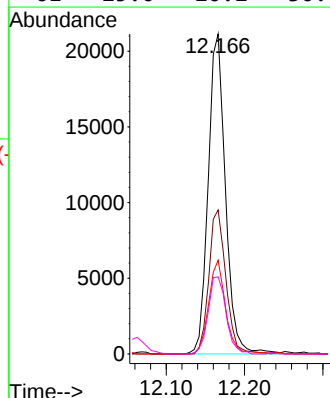
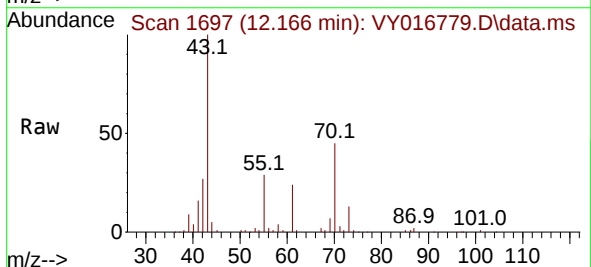
Ion Ratio Lower Upper

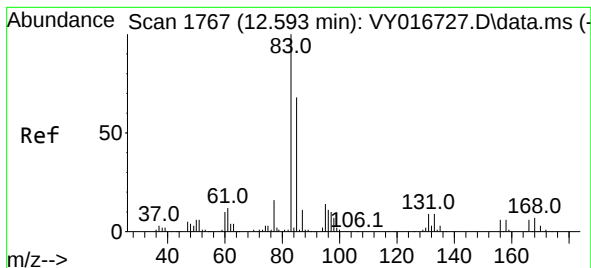
43 100

70 44.7 36.6 55.0

55 28.6 22.2 33.4

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.692 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

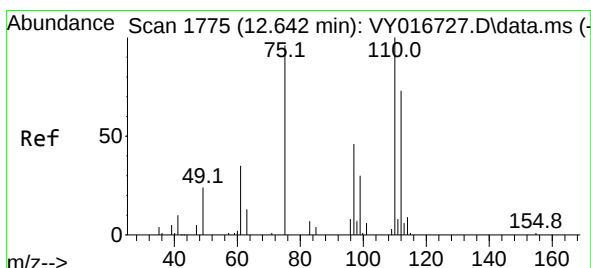
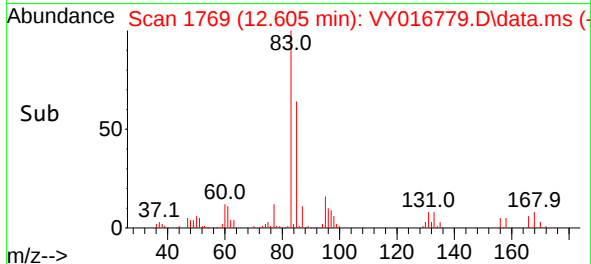
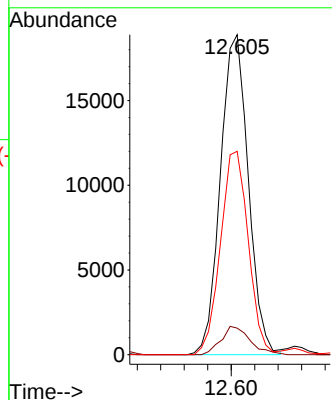
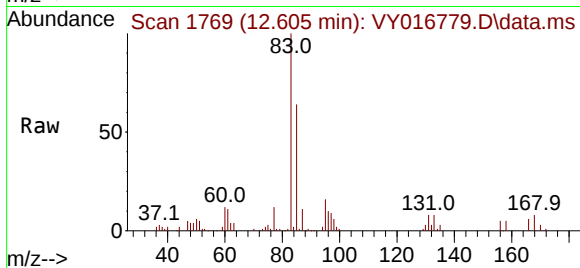
VY1221SBS03

Tgt Ion: 83 Resp: 31192
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.9 14.6
 85 63.5 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#76

1,2,3-Trichloropropane

Concen: 19.798 ug/l m

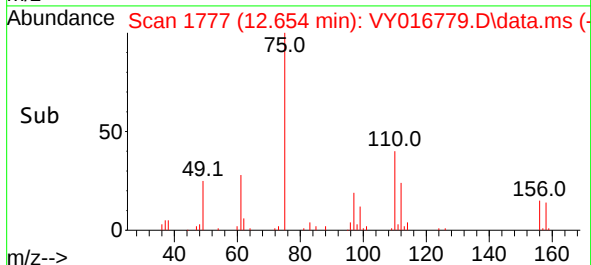
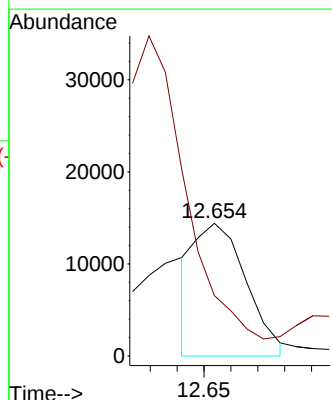
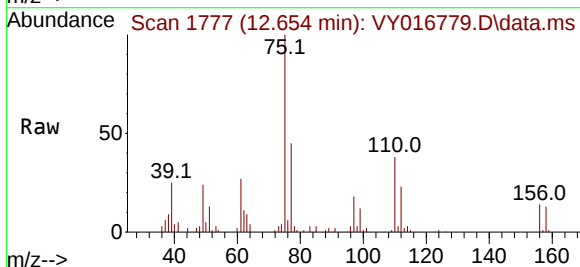
RT: 12.654 min Scan# 1777

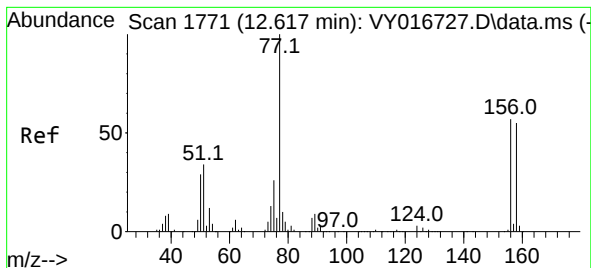
Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion: 75 Resp: 19330
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.773 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

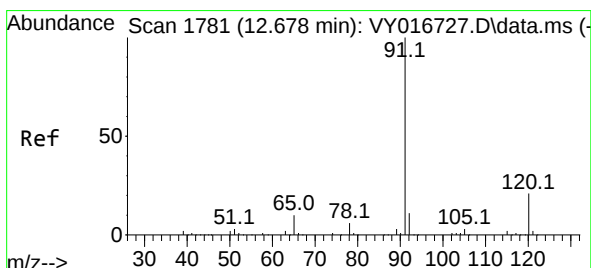
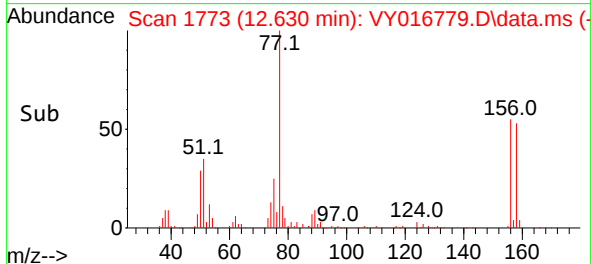
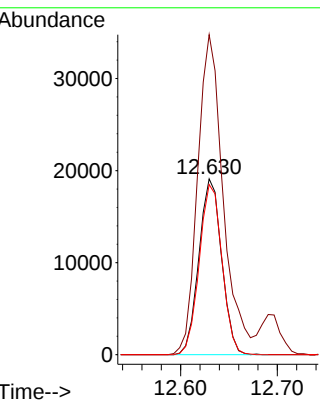
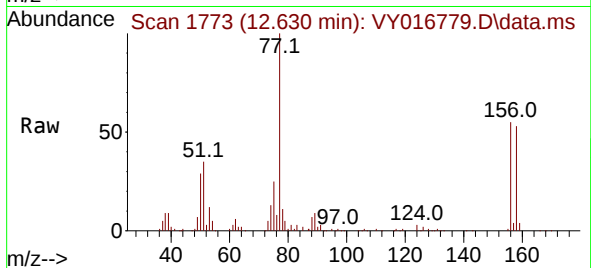
VY1221SBS03

Tgt Ion:156 Resp: 3117
 Ion Ratio Lower Upper
 156 100
 77 203.8 97.3 291.8
 158 96.6 48.4 145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#78

n-propylbenzene

Concen: 20.245 ug/l

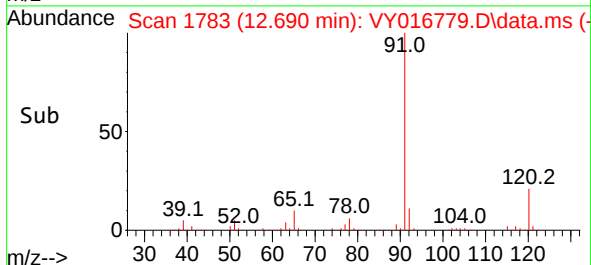
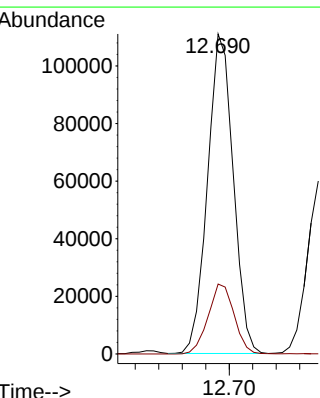
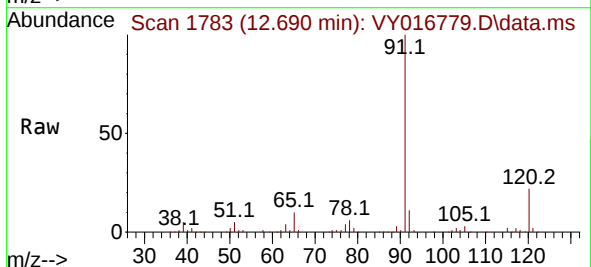
RT: 12.690 min Scan# 1783

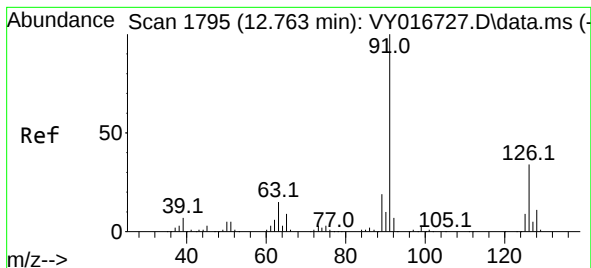
Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion: 91 Resp: 168727
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.754 ug/l

RT: 12.776 min Scan# 1795

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion: 91 Resp: 95710

Ion Ratio Lower Upper

91 100

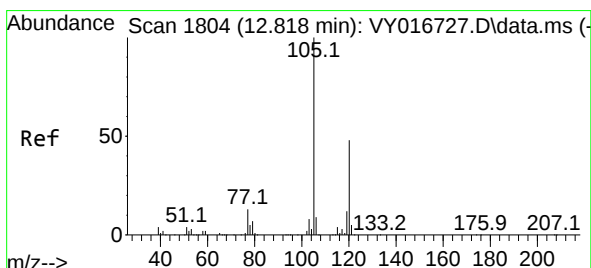
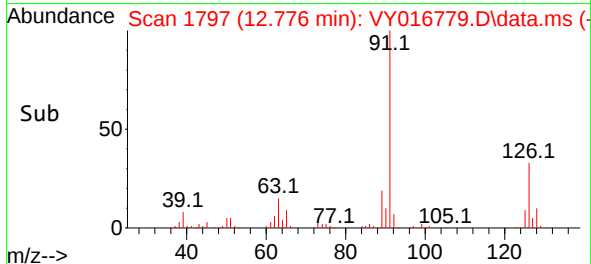
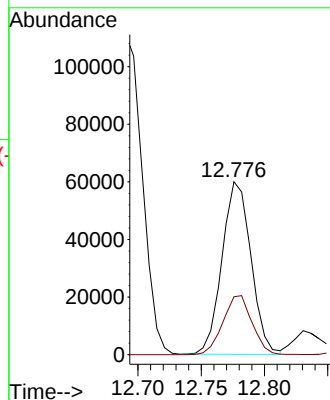
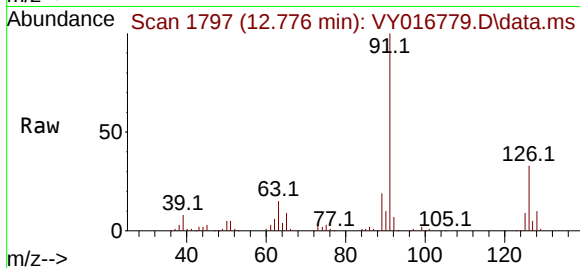
126 34.4 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.720 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY016779.D

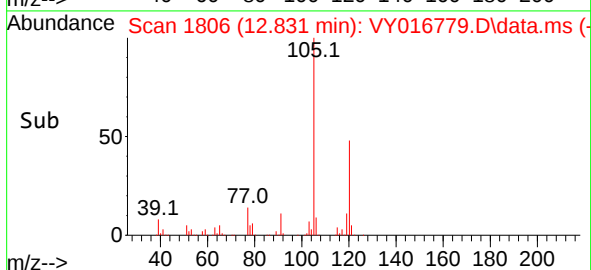
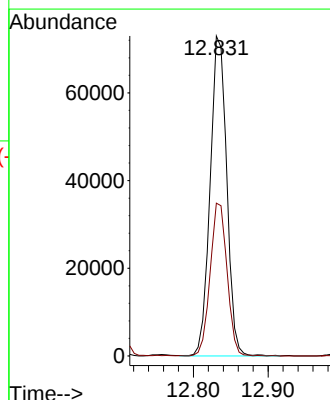
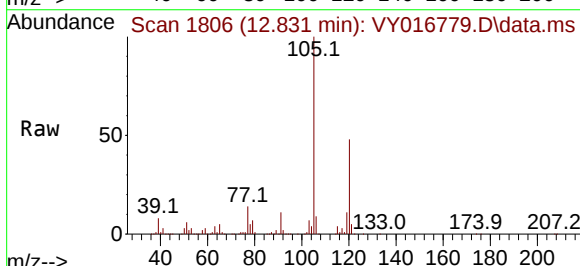
Acq: 22 Dec 2023 01:05

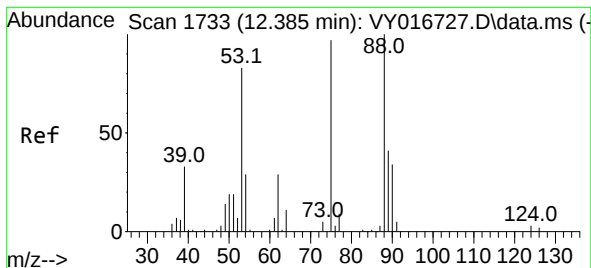
Tgt Ion:105 Resp: 112822

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





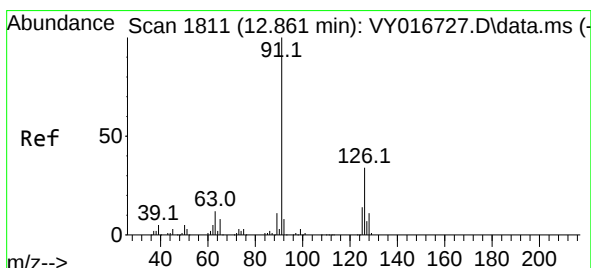
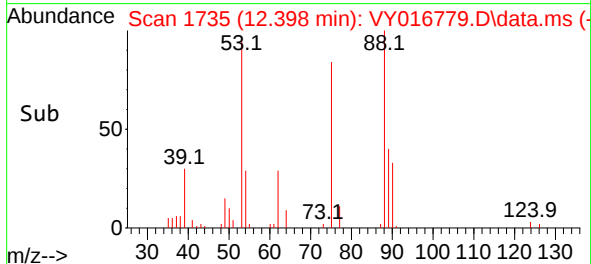
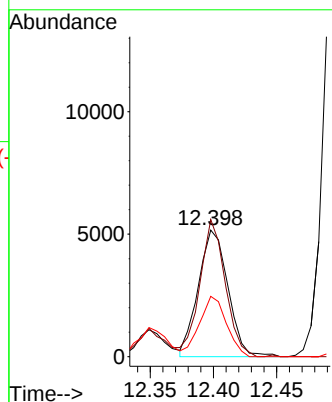
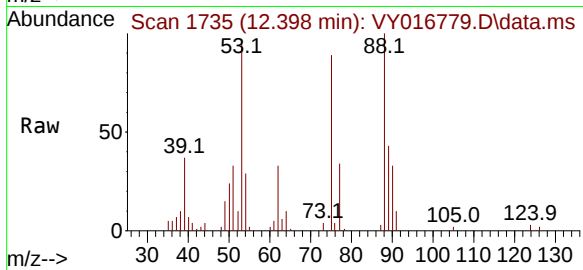
#81
trans-1,4-Dichloro-2-butene
Concen: 20.293 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 75 Resp: 843
Ion Ratio Lower Upper
75 100
53 92.6 74.0 111.0
89 43.6 36.5 54.7

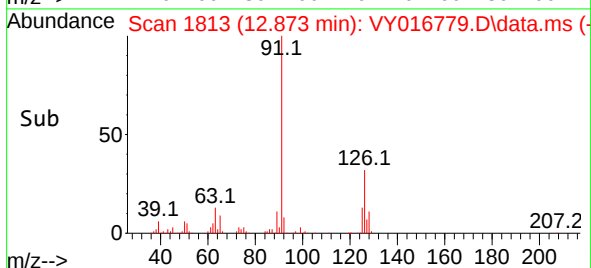
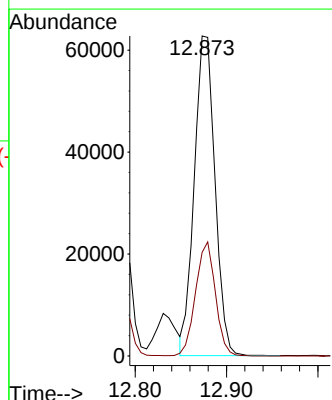
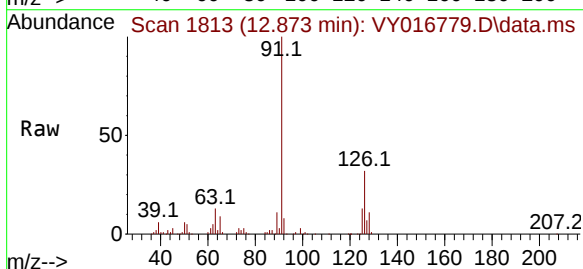
Manual Integrations
APPROVED

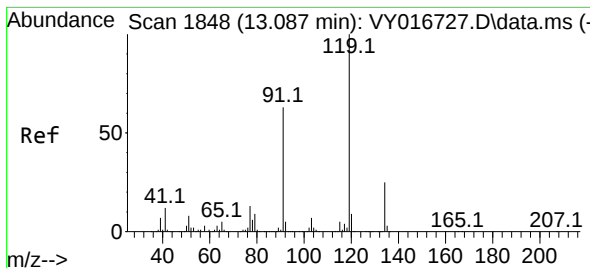
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 20.894 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 91 Resp: 98851
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.651 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

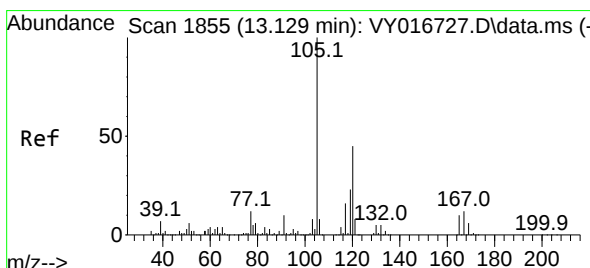
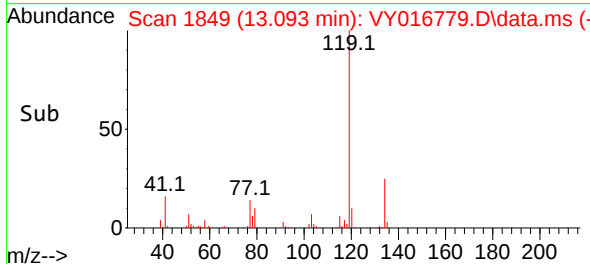
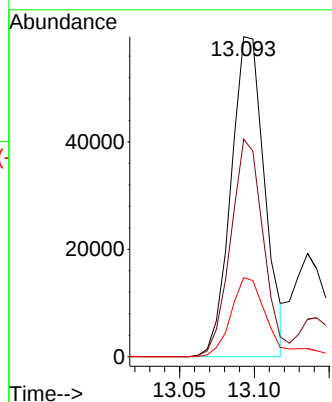
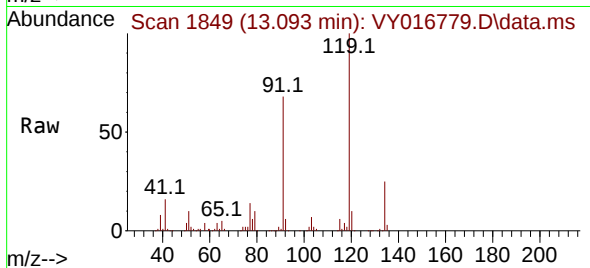
VY1221SBS03

Tgt Ion:	119	Resp:	9307
Ion Ratio	Lower	Upper	
119	100		
91	66.4	31.5	94.5
134	27.1	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.546 ug/l

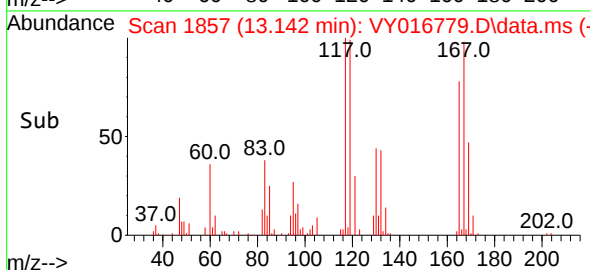
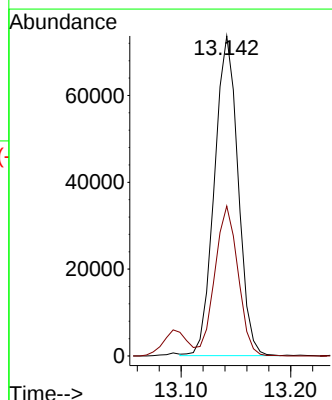
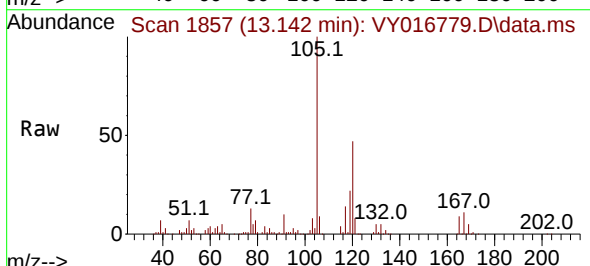
RT: 13.142 min Scan# 1857

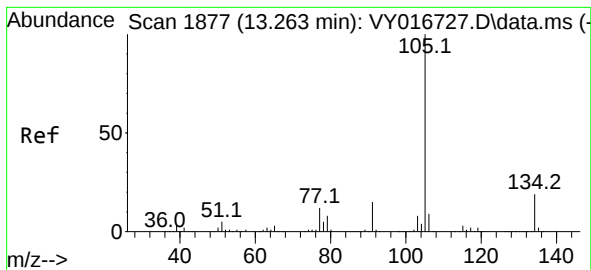
Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion:	105	Resp:	110319
Ion Ratio	Lower	Upper	
105	100		
120	46.3	22.1	66.3





#85

sec-Butylbenzene

Concen: 20.062 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion:105 Resp: 14074

Ion Ratio Lower Upper

105 100

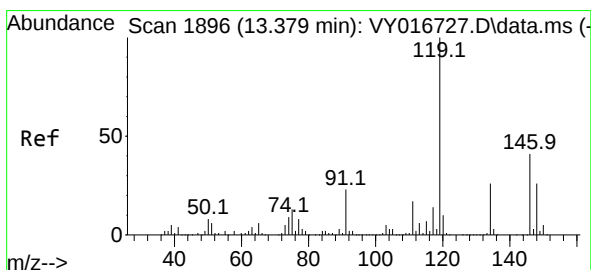
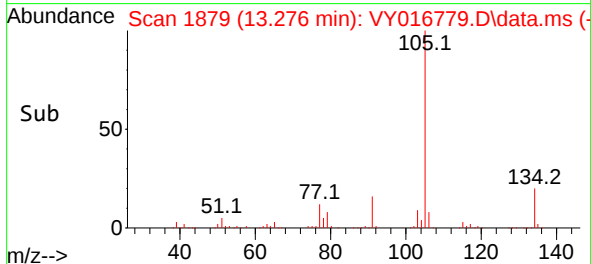
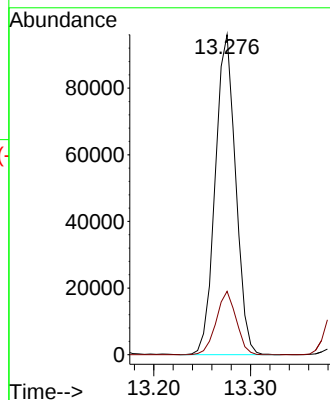
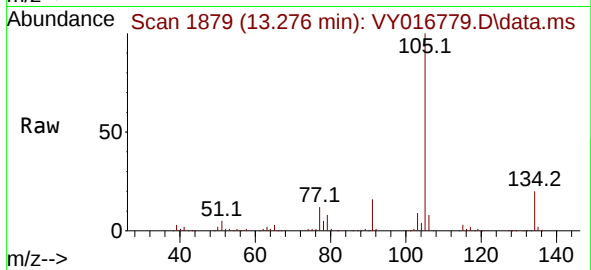
134 19.4 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#86

p-Isopropyltoluene

Concen: 19.999 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

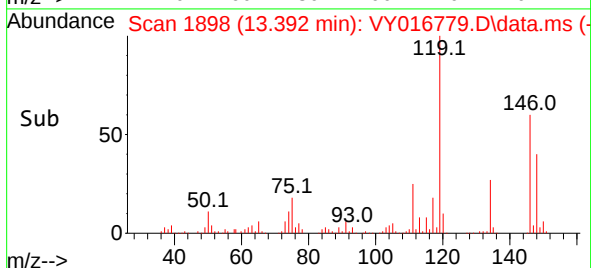
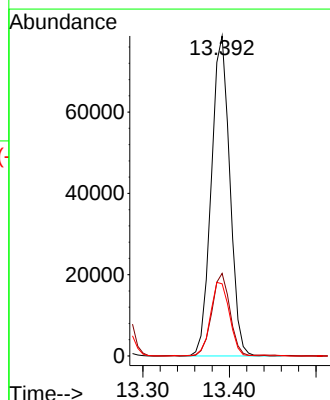
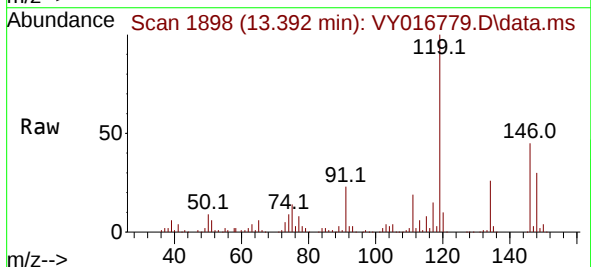
Tgt Ion:119 Resp: 116840

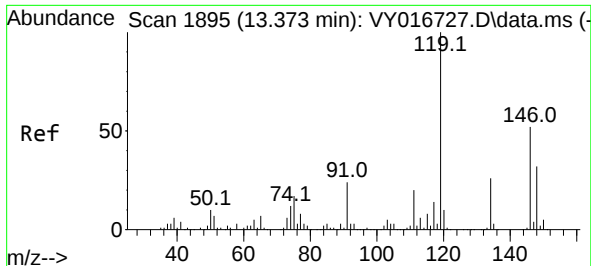
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.1

91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.418 ug/l

RT: 13.385 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1221SBS03

Tgt Ion:146 Resp: 5988

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

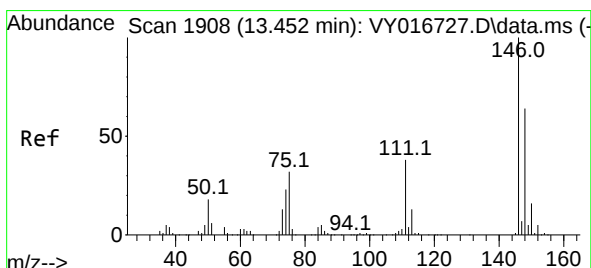
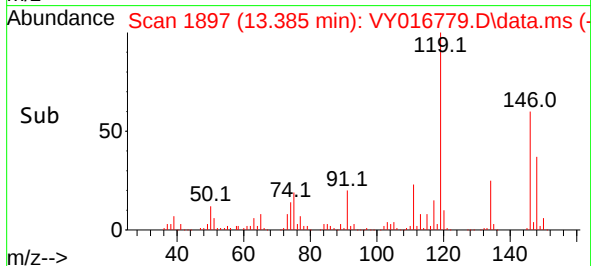
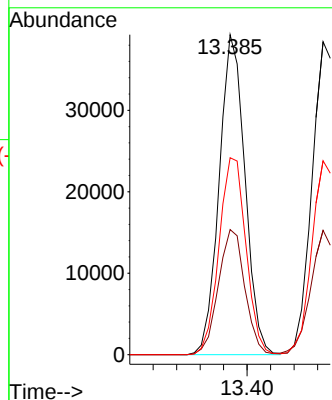
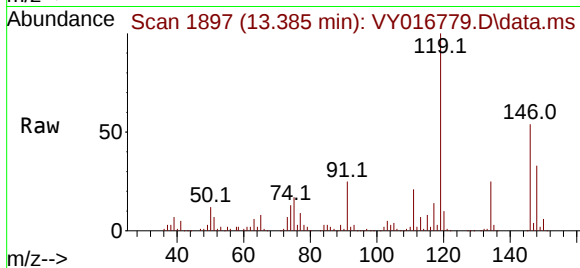
148 64.3 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#88

1,4-Dichlorobenzene

Concen: 21.031 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

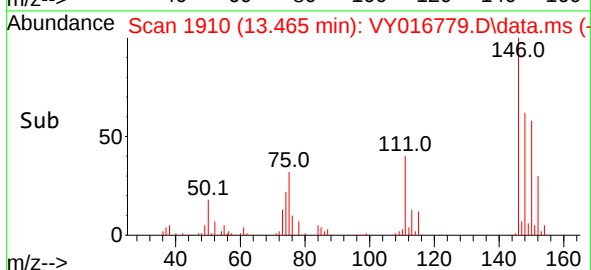
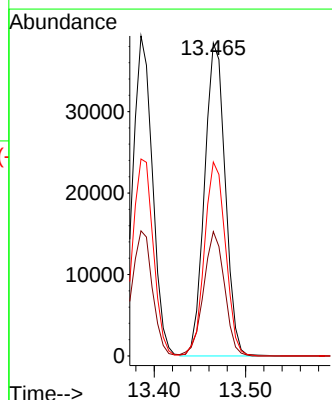
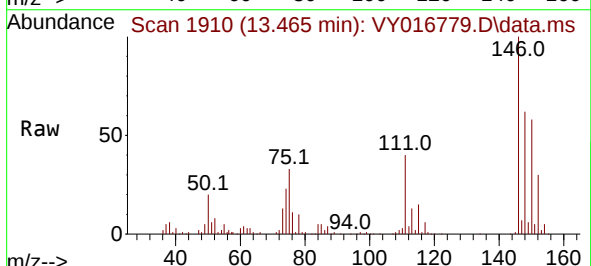
Tgt Ion:146 Resp: 60226

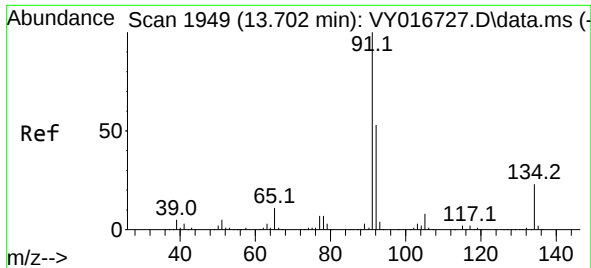
Ion Ratio Lower Upper

146 100

111 40.3 19.3 57.9

148 63.4 31.6 94.7





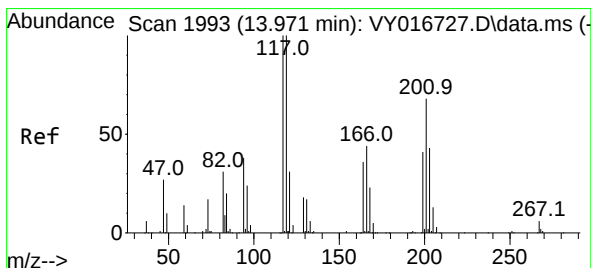
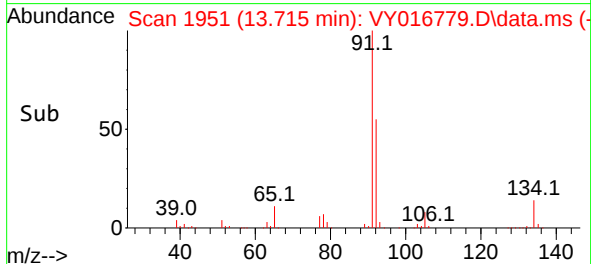
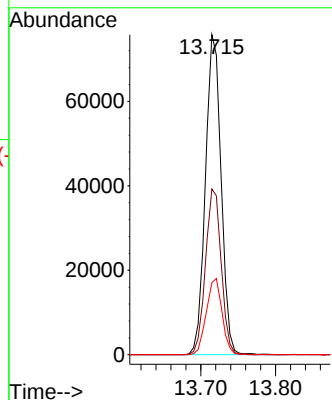
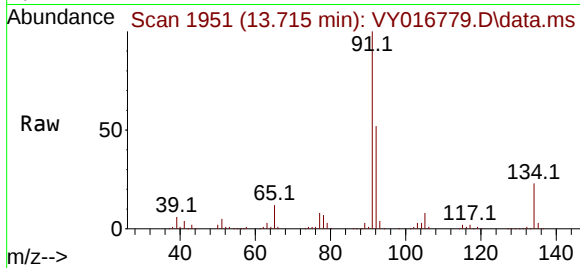
#89
n-Butylbenzene
Concen: 19.767 ug/l
RT: 13.715 min Scan# 1949
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion: 91 Resp: 11039
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 23.9 12.3 36.8

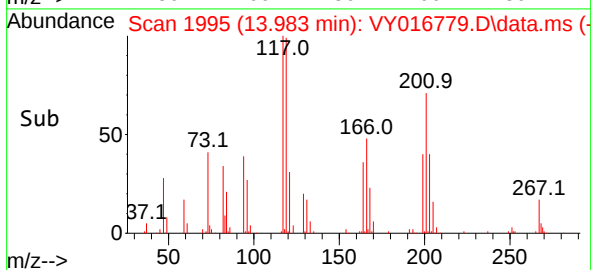
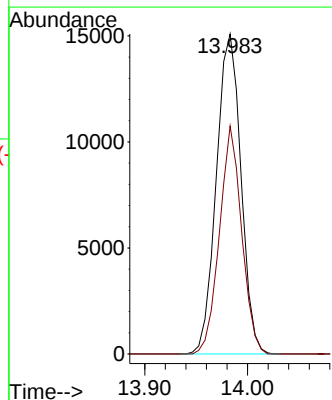
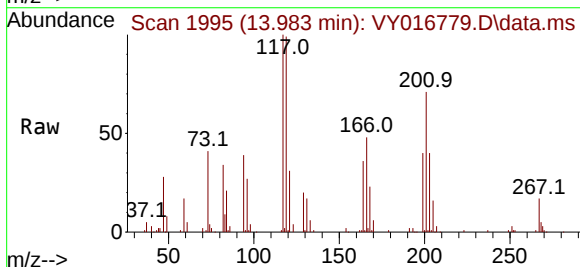
Manual Integrations
APPROVED

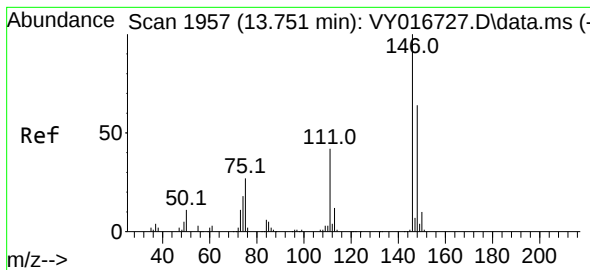
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 20.594 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion:117 Resp: 25054
Ion Ratio Lower Upper
117 100
201 64.2 33.4 100.1





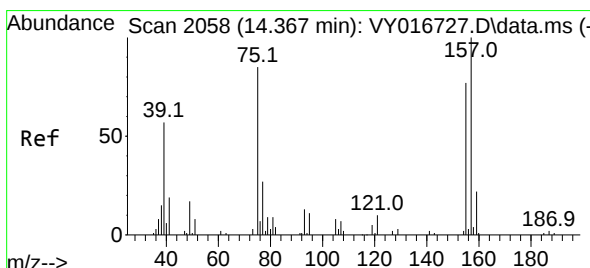
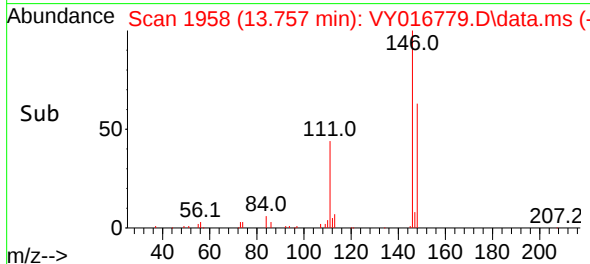
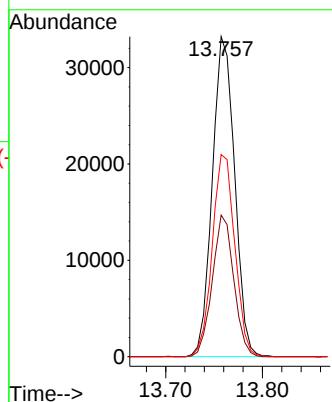
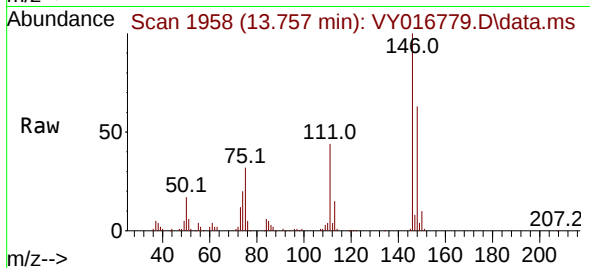
#91
1,2-Dichlorobenzene
Concen: 21.333 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1221SBS03

Tgt Ion:146 Resp: 53299
Ion Ratio Lower Upper
146 100
111 42.6 20.5 61.6
148 63.7 31.4 94.3

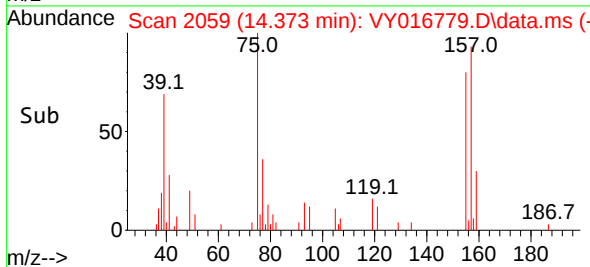
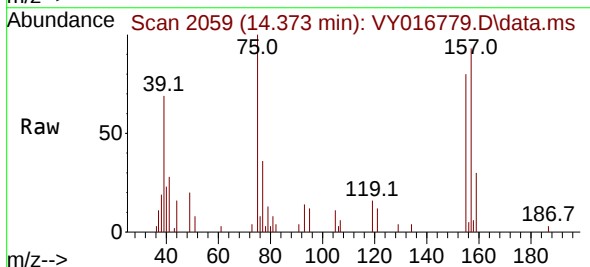
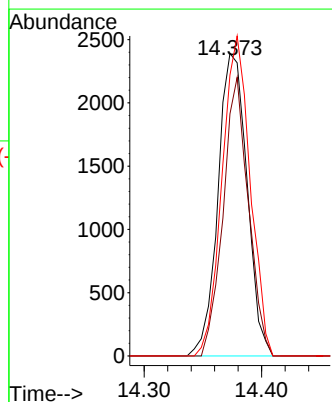
Manual Integrations
APPROVED

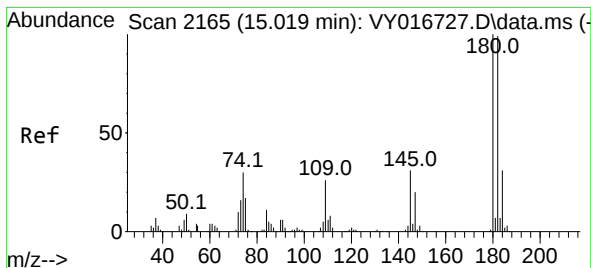
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.009 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016779.D
Acq: 22 Dec 2023 01:05

Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
155 80.4 42.1 126.3
157 102.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.507 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

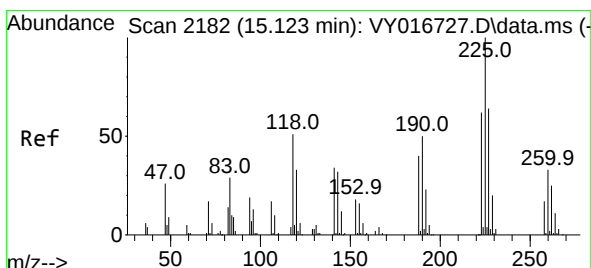
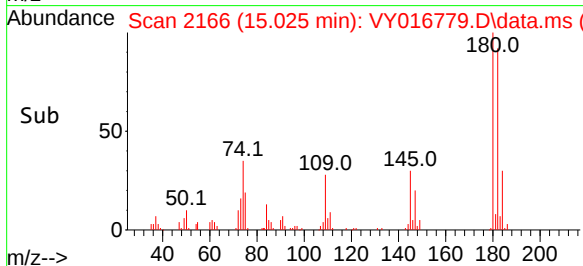
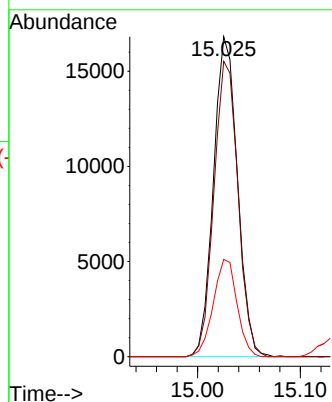
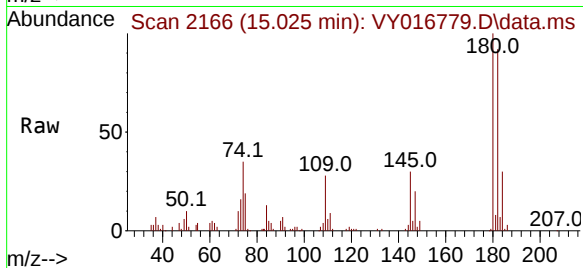
VY1221SBS03

Tgt Ion:	180	Resp:	27180
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.9	143.7
145	30.2	15.9	47.7

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 12/22/2023



#94

Hexachlorobutadiene

Concen: 20.116 ug/l

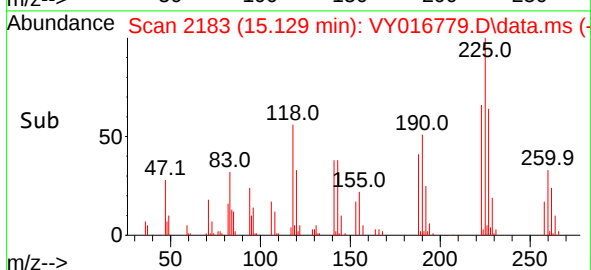
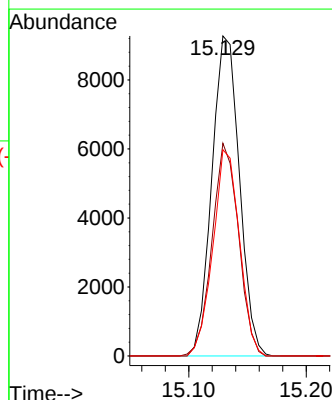
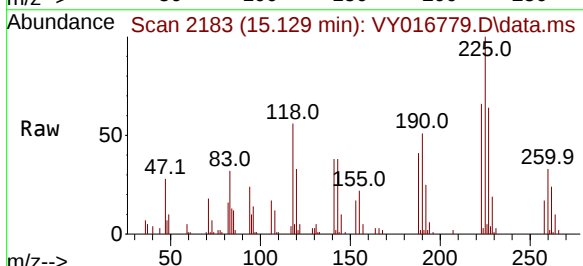
RT: 15.129 min Scan# 2183

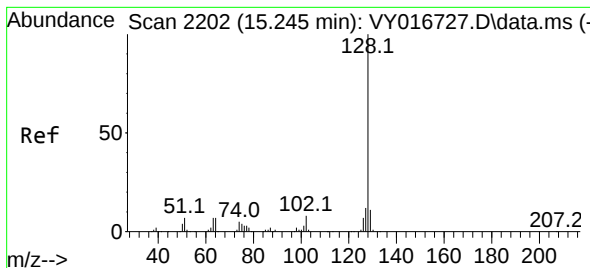
Delta R.T. 0.006 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion:	225	Resp:	15147
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.4	94.3
227	62.1	32.3	96.8





#95

Naphthalene

Concen: 20.385 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Instrument :

MSVOA_Y

ClientSampleId :

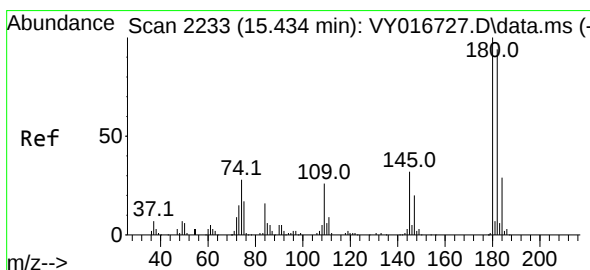
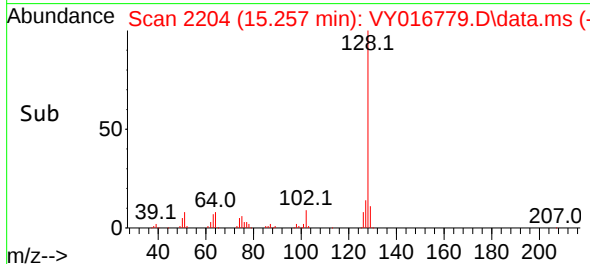
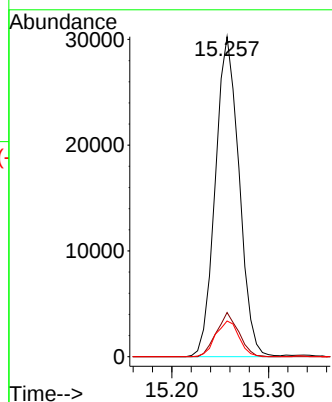
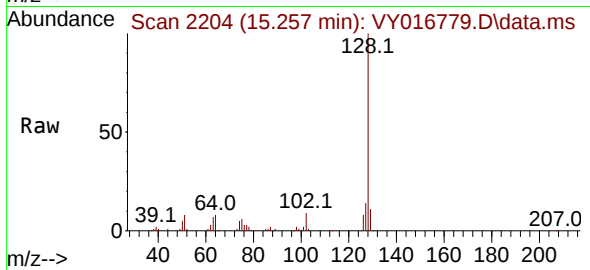
VY1221SBS03

Tgt Ion:	128	Resp:	5163
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 20.427 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016779.D

Acq: 22 Dec 2023 01:05

Tgt Ion:	180	Resp:	23063
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.3	138.8
145	32.5	16.1	48.2

