

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017375.D
 Acq On : 14 Feb 2024 11:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 15 00:29:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 00:25:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	121323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	203819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	170854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	23053	17.907	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.820%#		
35) Dibromofluoromethane	7.734	113	24147	18.582	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.160%#		
50) Toluene-d8	10.191	98	93851	18.639	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.280%#		
62) 4-Bromofluorobenzene	12.489	95	28007	18.144	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19270	18.648	ug/l	100
3) Chloromethane	2.119	50	35953	18.389	ug/l	99
4) Vinyl Chloride	2.259	62	42948	18.409	ug/l	99
5) Bromomethane	2.655	94	29017	17.522	ug/l	98
6) Chloroethane	2.802	64	28436	19.128	ug/l	99
7) Trichlorofluoromethane	3.131	101	46283	19.745	ug/l	100
8) Diethyl Ether	3.539	74	13180	19.474	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.911	101	28476	20.192	ug/l	99
10) Methyl Iodide	4.106	142	28299	20.415	ug/l	99
11) Tert butyl alcohol	4.954	59	8197	91.296	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	25919	19.927	ug/l	96
13) Acrolein	3.734	56	12824	92.179	ug/l	96
14) Allyl chloride	4.490	41	37063	19.271	ug/l	96
15) Acrylonitrile	5.179	53	26401	90.675	ug/l	98
16) Acetone	3.960	43	32229	96.806	ug/l	98
17) Carbon Disulfide	4.210	76	84016	20.248	ug/l	100
18) Methyl Acetate	4.496	43	11725	12.892	ug/l	98
19) Methyl tert-butyl Ether	5.240	73	54991	19.019	ug/l	96
20) Methylene Chloride	4.734	84	31246	18.595	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	29605	19.923	ug/l	99
22) Diisopropyl ether	6.130	45	83153	20.175	ug/l	99
23) Vinyl Acetate	6.075	43	229172	104.609	ug/l	100
24) 1,1-Dichloroethane	6.033	63	52071	20.249	ug/l	97
25) 2-Butanone	7.002	43	40220	95.523	ug/l	98
26) 2,2-Dichloropropane	6.996	77	42686	19.380	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	31611	19.758	ug/l	100
28) Bromochloromethane	7.350	49	20270	18.482	ug/l	98
29) Tetrahydrofuran	7.362	42	21321	91.311	ug/l	98
30) Chloroform	7.520	83	51593	20.120	ug/l	96
31) Cyclohexane	7.801	56	47162	19.243	ug/l #	89
32) 1,1,1-Trichloroethane	7.715	97	45594	20.040	ug/l	99
36) 1,1-Dichloropropene	7.929	75	41906	19.696	ug/l	99
37) Ethyl Acetate	7.087	43	16148	18.668	ug/l	97
38) Carbon Tetrachloride	7.917	117	40504	19.839	ug/l	99
39) Methylcyclohexane	9.197	83	48681	19.109	ug/l	96
40) Benzene	8.173	78	118765	19.923	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	8173	14.294	ug/l	98
42) 1,2-Dichloroethane	8.252	62	28654	18.887	ug/l	99
43) Isopropyl Acetate	8.282	43	28497	18.391	ug/l	99
44) Trichloroethene	8.953	130	30102	19.542	ug/l	96
45) 1,2-Dichloropropane	9.227	63	28316	19.737	ug/l	95
46) Dibromomethane	9.319	93	14245	19.135	ug/l	98
47) Bromodichloromethane	9.508	83	37685	19.682	ug/l	98
48) Methyl methacrylate	9.307	41	13213	16.174	ug/l	97
49) 1,4-Dioxane	9.307	88	2665	347.418	ug/l	89
51) 4-Methyl-2-Pentanone	10.081	43	77399	91.935	ug/l	99
52) Toluene	10.258	92	72070	19.895	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	33395	18.826	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	42500	19.572	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	19571	19.169	ug/l	98
56) Ethyl methacrylate	10.520	69	21857	21.003	ug/l	98
57) 1,3-Dichloropropane	10.800	76	33176	18.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.794	63	59944	89.814	ug/l	99
59) 2-Hexanone	10.843	43	59521	98.382	ug/l	99
60) Dibromochloromethane	10.995	129	22803	19.231	ug/l	100
61) 1,2-Dibromoethane	11.099	107	17688	18.891	ug/l	99
64) Tetrachloroethene	10.733	164	25769	20.400	ug/l	98
65) Chlorobenzene	11.526	112	71977	19.871	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	25501	19.572	ug/l	99
67) Ethyl Benzene	11.605	91	131563	19.719	ug/l	98
68) m/p-Xylenes	11.715	106	101886	40.501	ug/l	99
69) o-Xylene	12.044	106	45721	20.091	ug/l	99
70) Styrene	12.056	104	74662	21.385	ug/l	99
71) Bromoform	12.221	173	12121	19.188	ug/l #	97
73) Isopropylbenzene	12.343	105	124395	20.273	ug/l	99
74) N-amyl acetate	12.154	43	23323	19.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	21336	19.403	ug/l	97
76) 1,2,3-Trichloropropane	12.641	75	14297m	11.238	ug/l	
77) Bromobenzene	12.623	156	25362	19.628	ug/l	99
78) n-propylbenzene	12.684	91	152916	20.243	ug/l	99
79) 2-Chlorotoluene	12.769	91	84034	20.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	98045	20.332	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.391	75	6319	19.015	ug/l	99
82) 4-Chlorotoluene	12.867	91	84498	19.912	ug/l	99
83) tert-Butylbenzene	13.086	119	85349	20.267	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	95769	20.119	ug/l	98
85) sec-Butylbenzene	13.263	105	131869	20.522	ug/l	99
86) p-Isopropyltoluene	13.379	119	104124	20.024	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	51113	19.545	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	50338	19.787	ug/l	98
89) n-Butylbenzene	13.708	91	98853	19.571	ug/l	100
90) Hexachloroethane	13.970	117	21078	19.556	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	43405	20.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	2385	17.465	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	20596	19.154	ug/l	99
94) Hexachlorobutadiene	15.123	225	13236	19.943	ug/l	99
95) Naphthalene	15.245	128	33297	17.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	16879	18.710	ug/l	96

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

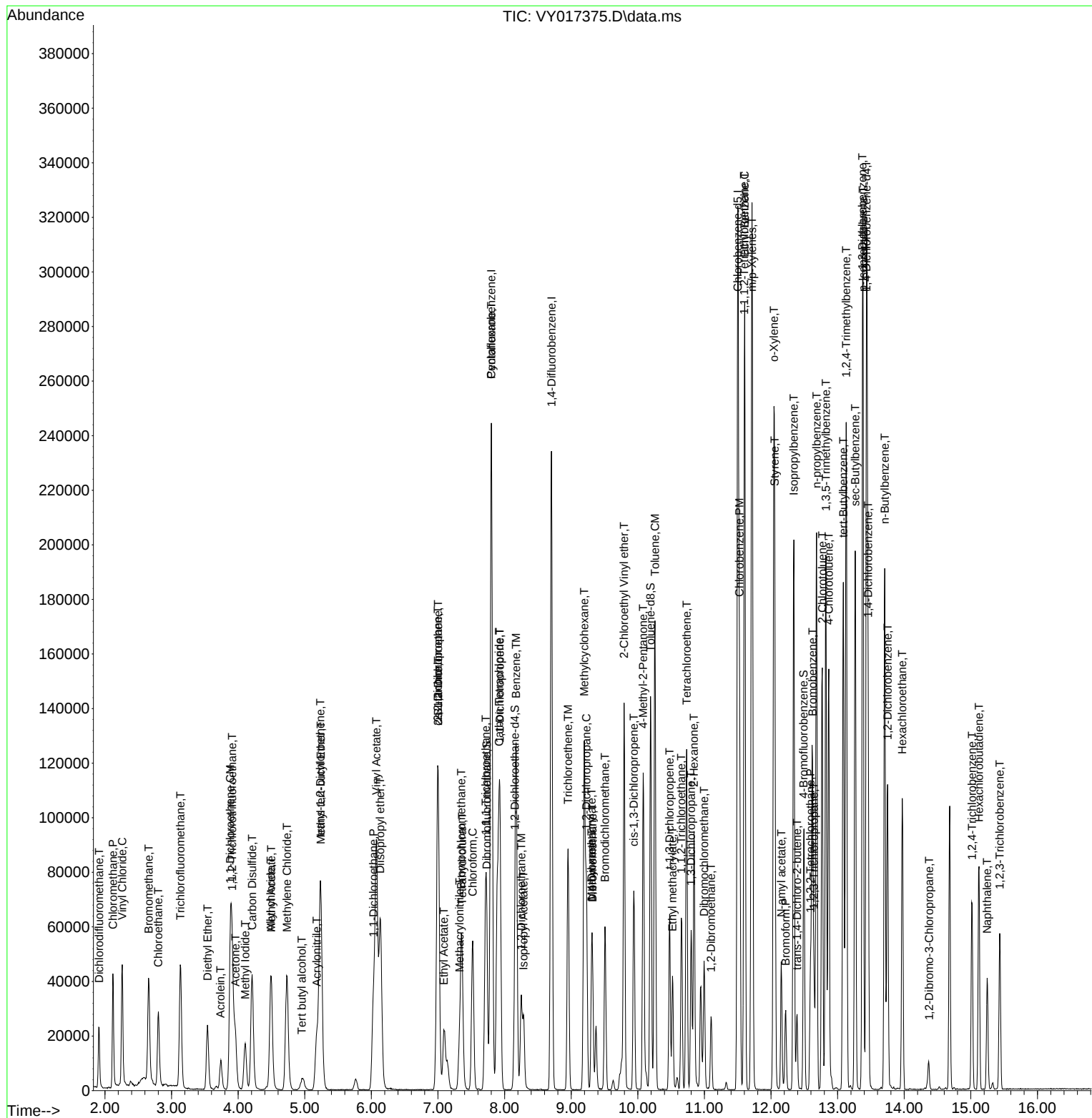
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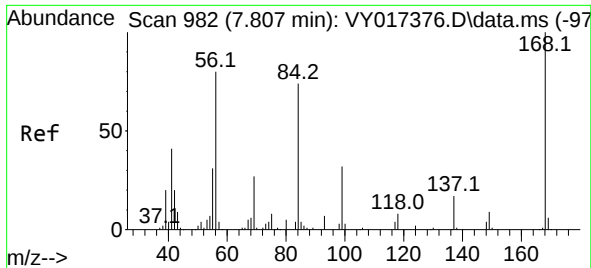
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

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MSVOA_Y

ClientSampleId :

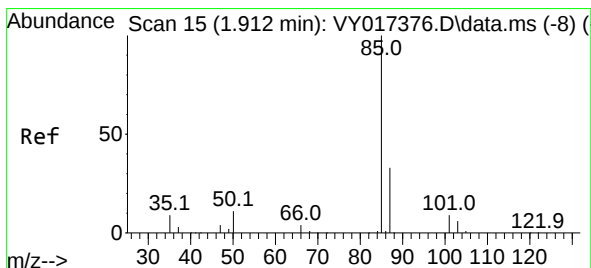
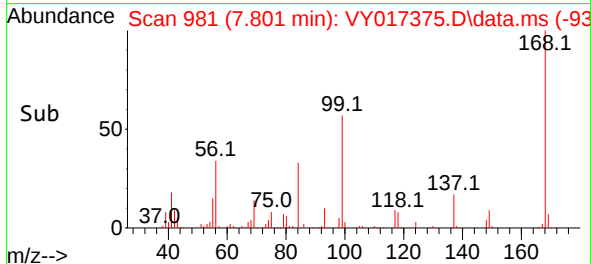
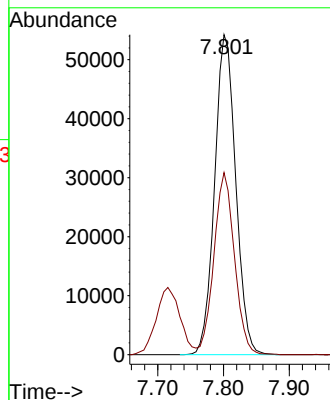
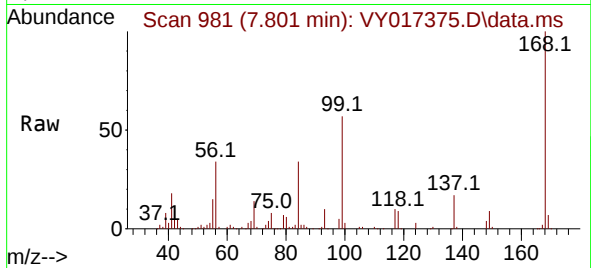
VSTDICC020

Tgt Ion:168 Resp: 12132
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4

Manual Integrations

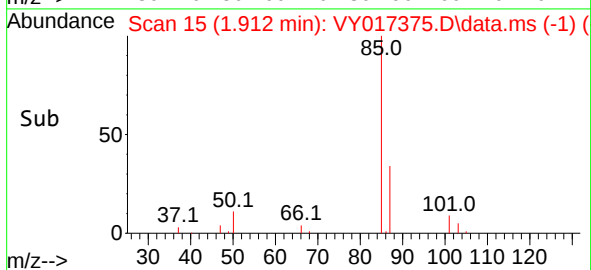
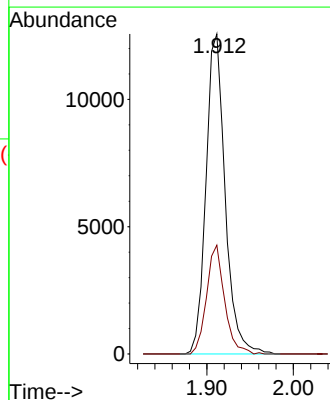
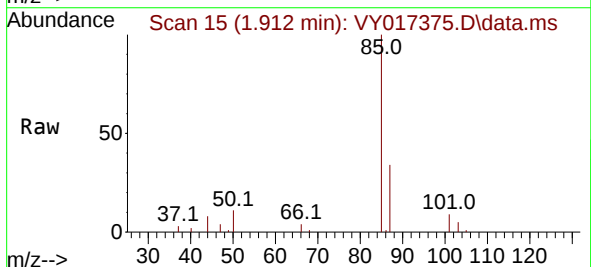
APPROVED

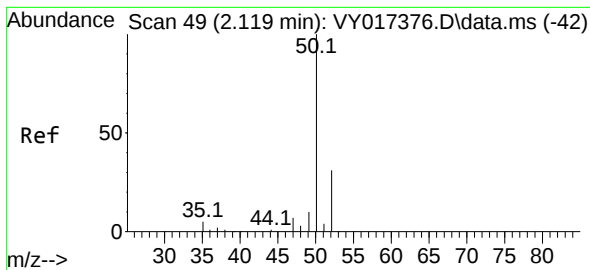
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#2
Dichlorodifluoromethane
Concen: 18.648 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 85 Resp: 19270
Ion Ratio Lower Upper
85 100
87 34.0 17.1 51.3





#3

Chloromethane

Concen: 18.389 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 3595

Ion Ratio Lower Upper

50 100

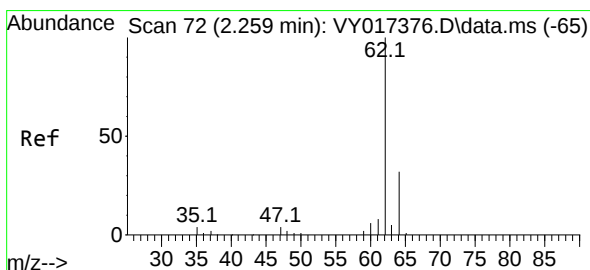
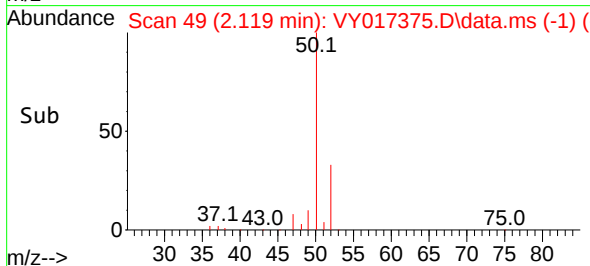
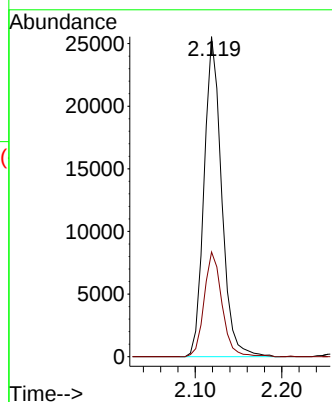
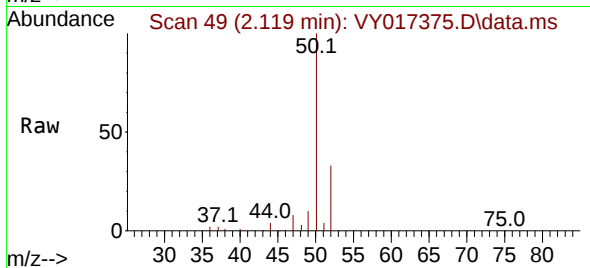
52 32.7 26.7 40.1

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 02/15/2024



#4

Vinyl Chloride

Concen: 18.409 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY017375.D

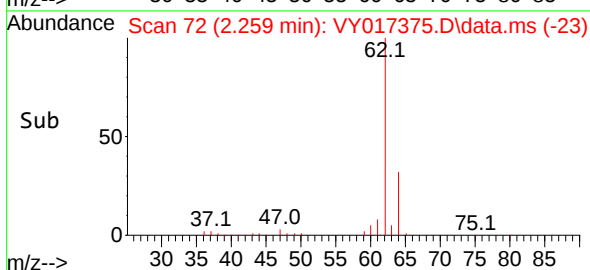
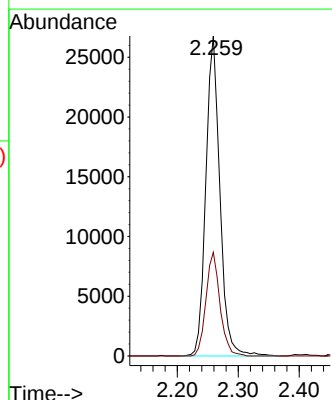
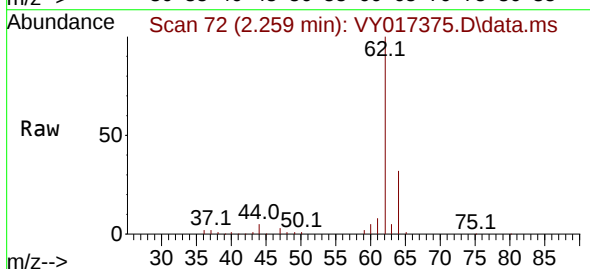
Acq: 14 Feb 2024 11:26

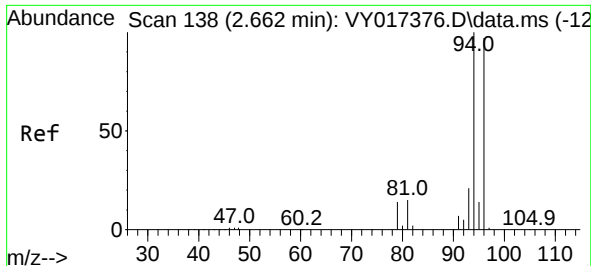
Tgt Ion: 62 Resp: 42948

Ion Ratio Lower Upper

62 100

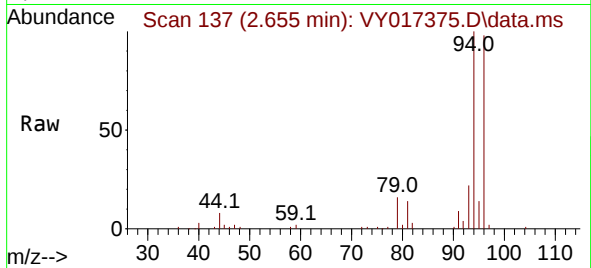
64 32.4 25.7 38.5





#5
Bromomethane
Concen: 17.522 ug/l
RT: 2.655 min Scan# 137
Delta R.T. -0.006 min
Lab File: VY017375.D
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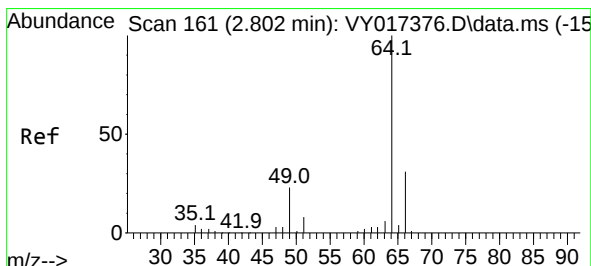
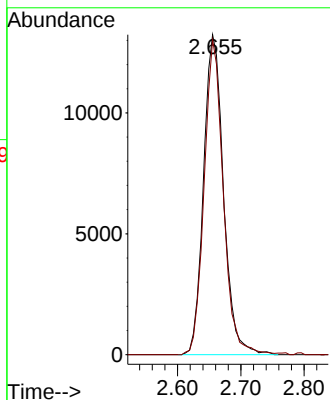
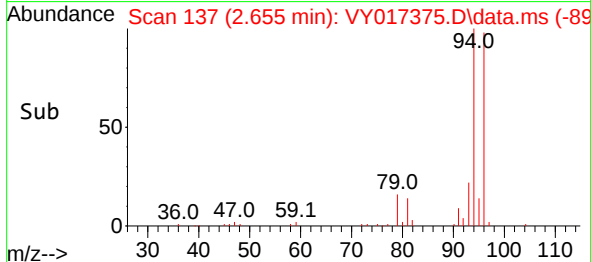
Instrument :
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Tgt Ion: 94 Resp: 2901
Ion Ratio Lower Upper
94 100
96 98.4 77.3 115.9

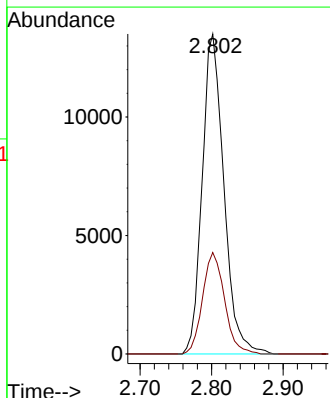
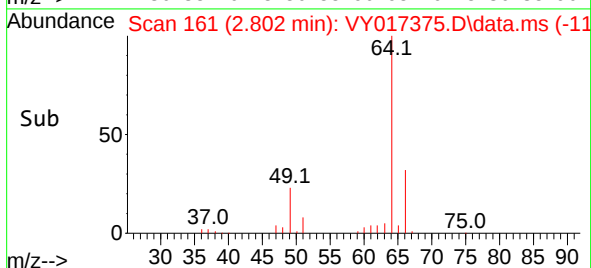
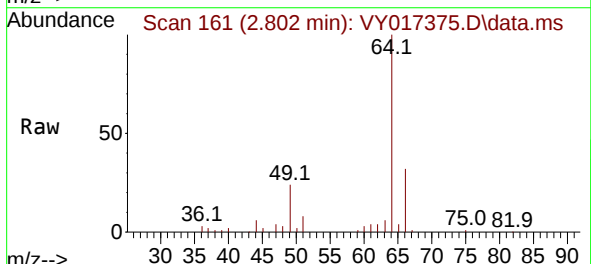
Manual Integrations
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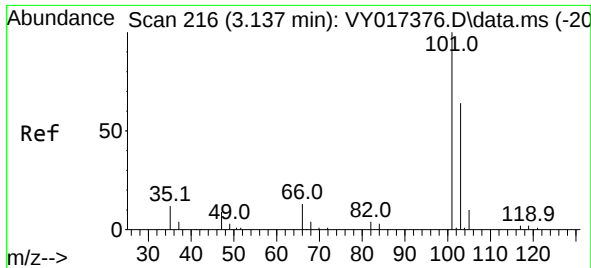
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#6
Chloroethane
Concen: 19.128 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY017375.D
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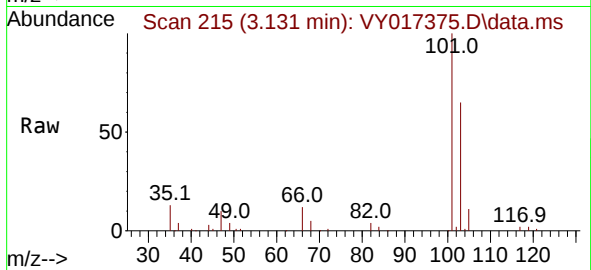
Tgt Ion: 64 Resp: 28436
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.745 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

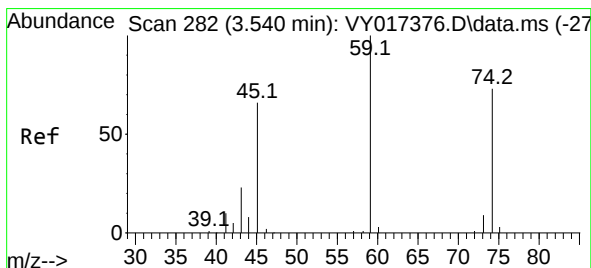
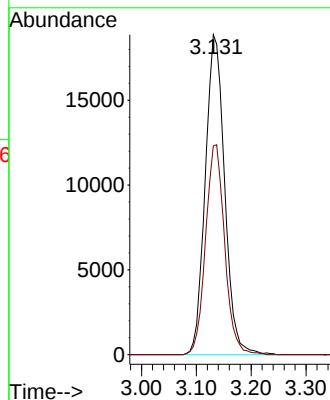
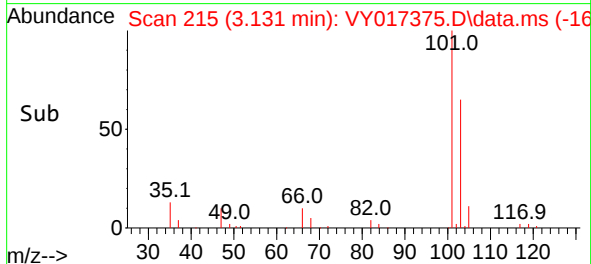
Instrument :
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Tgt Ion:101 Resp: 4628
Ion Ratio Lower Upper
101 100
103 65.3 51.9 77.9

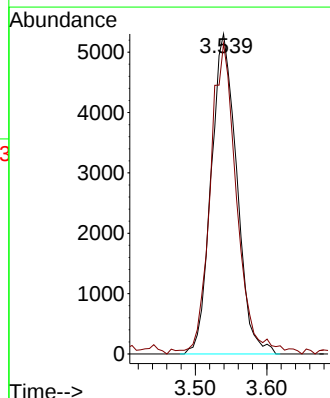
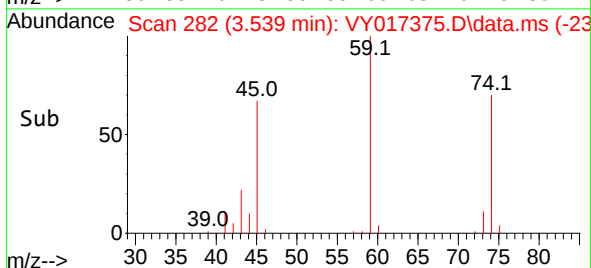
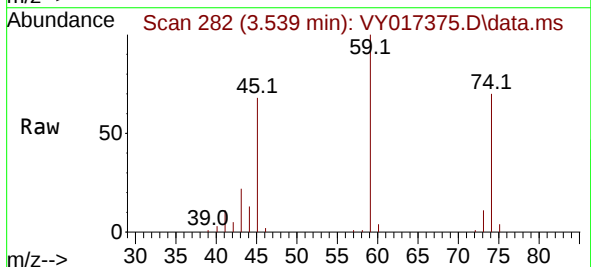
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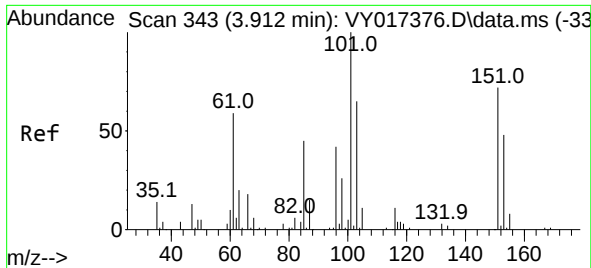
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#8
Diethyl Ether
Concen: 19.474 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 74 Resp: 13180
Ion Ratio Lower Upper
74 100
45 100.6 47.9 143.7





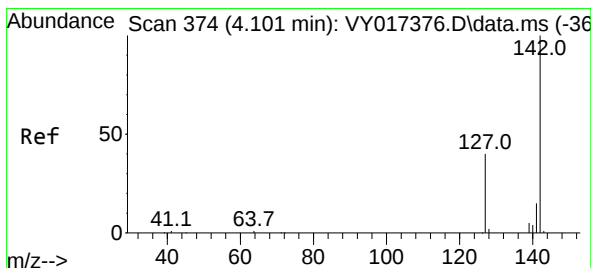
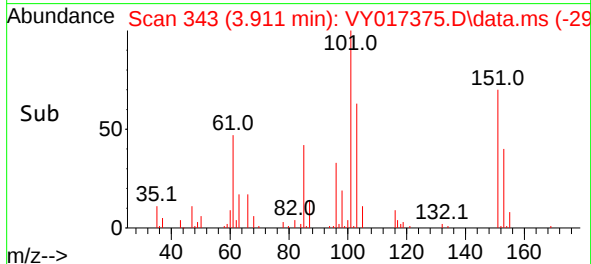
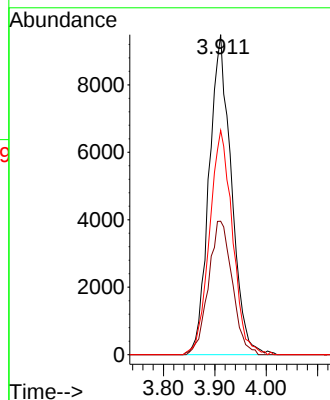
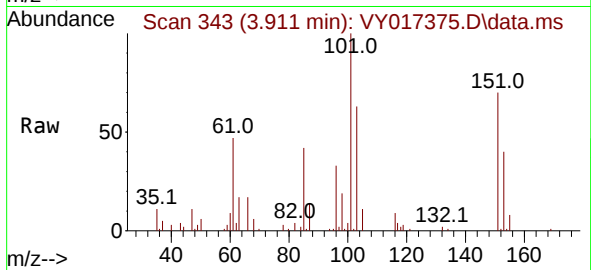
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.192 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 28470
Ion Ratio Lower Upper
101 100
85 44.5 35.8 53.6
151 72.7 58.6 88.0

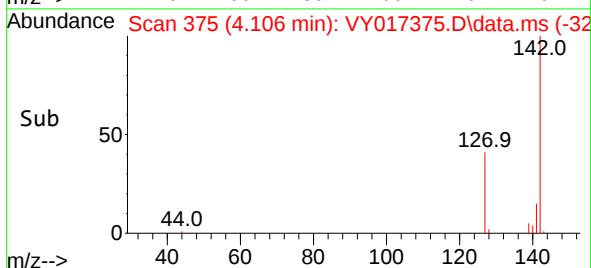
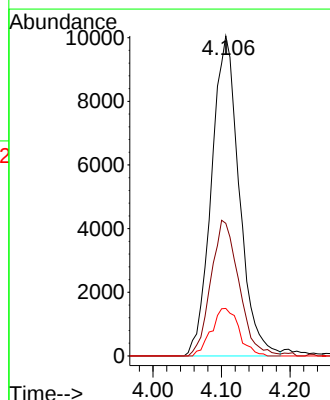
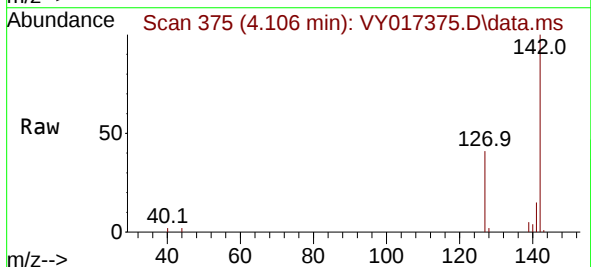
Manual Integrations
APPROVED

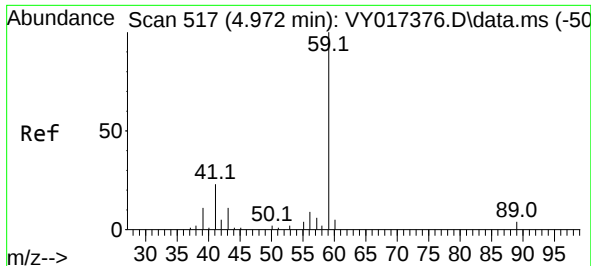
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#10
Methyl Iodide
Concen: 20.415 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion:142 Resp: 28299
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.8 11.8 17.6





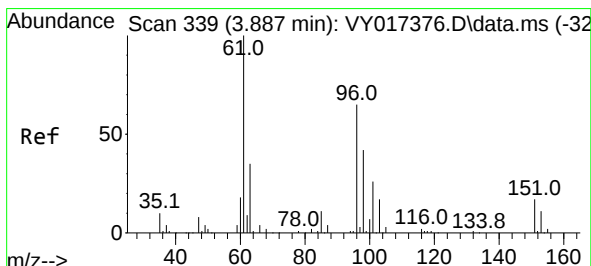
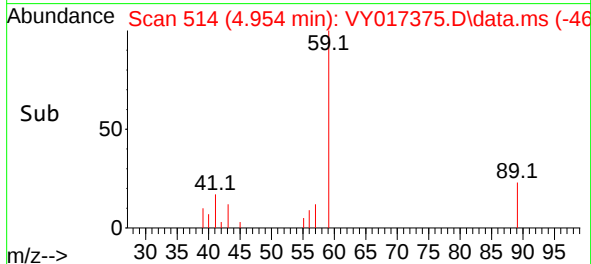
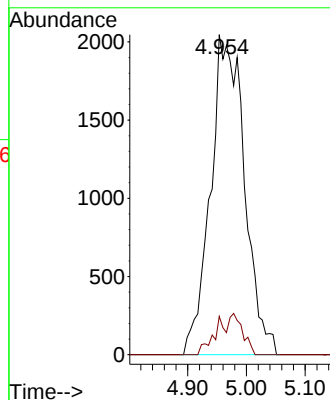
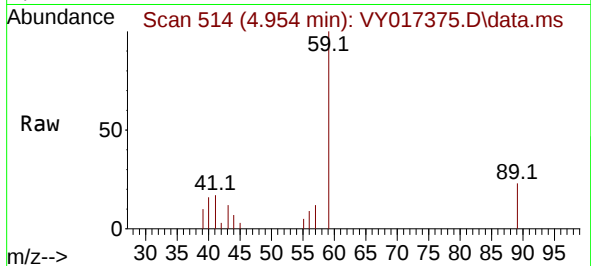
#11
Tert butyl alcohol
Concen: 91.296 ug/l
RT: 4.954 min Scan# 517
Delta R.T. -0.019 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 4.4 7.4 11.0

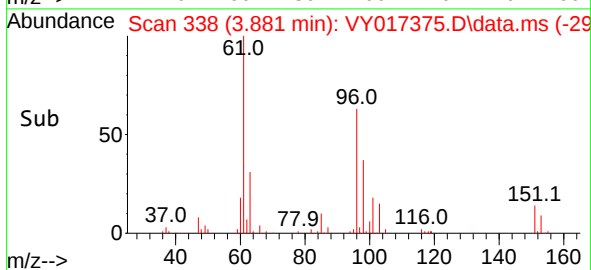
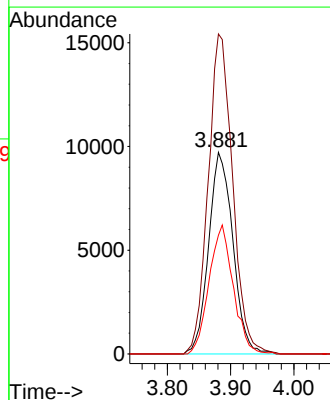
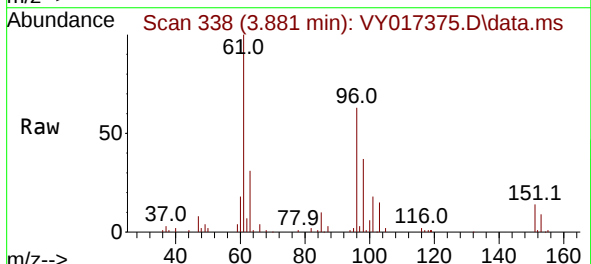
Manual Integrations
APPROVED

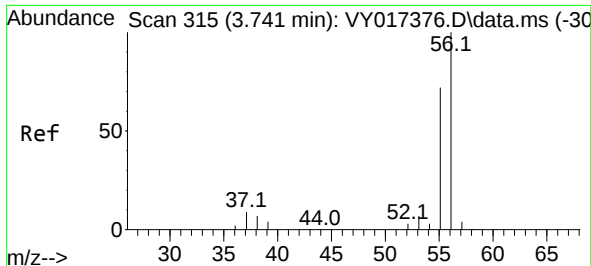
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#12
1,1-Dichloroethene
Concen: 19.927 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 96 Resp: 25919
Ion Ratio Lower Upper
96 100
61 158.7 124.2 186.2
98 58.9 52.6 79.0





#13

Acrolein

Concen: 92.179 ug/l

RT: 3.734 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 12824

Ion Ratio Lower Upper

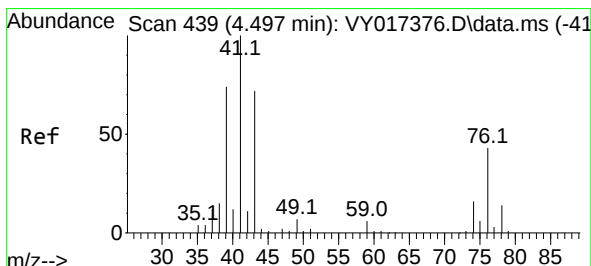
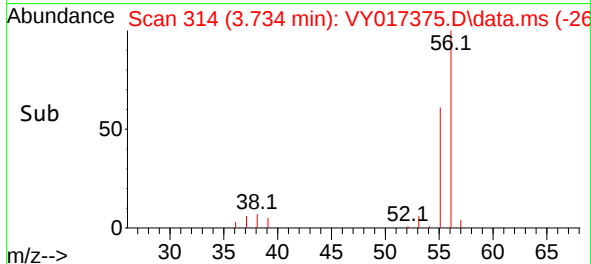
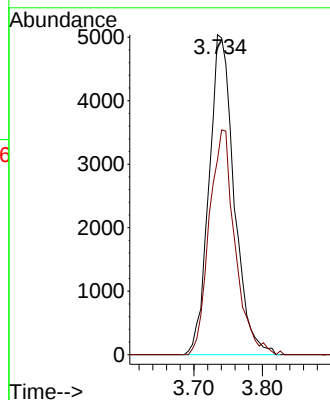
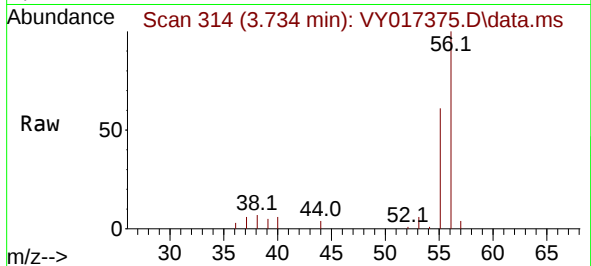
56 100

55 72.2 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#14

Allyl chloride

Concen: 19.271 ug/l

RT: 4.490 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

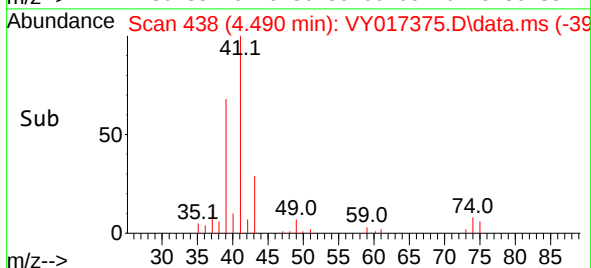
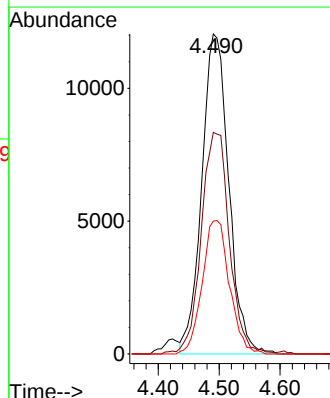
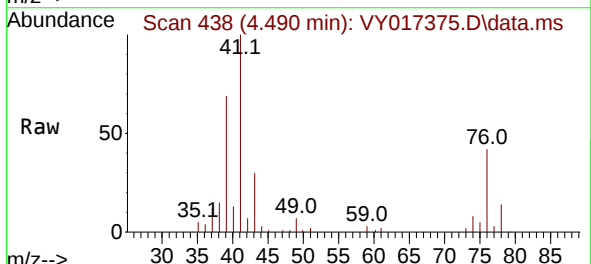
Tgt Ion: 41 Resp: 37063

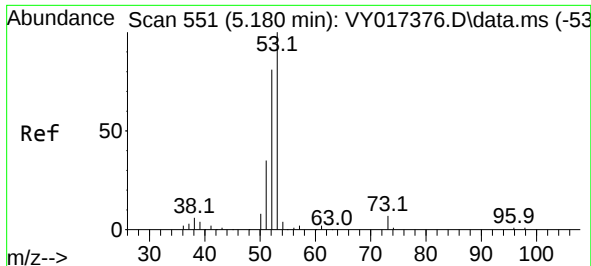
Ion Ratio Lower Upper

41 100

39 72.2 54.7 82.1

76 42.1 31.8 47.6





#15

Acrylonitrile

Concen: 90.675 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

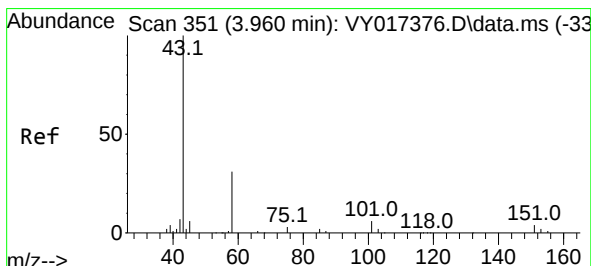
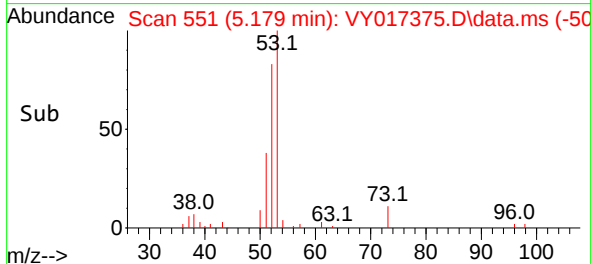
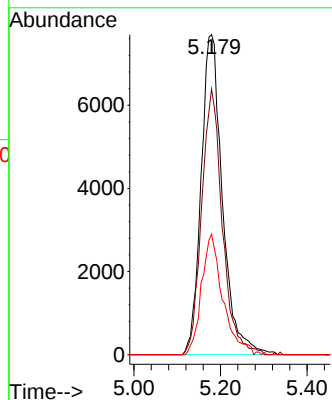
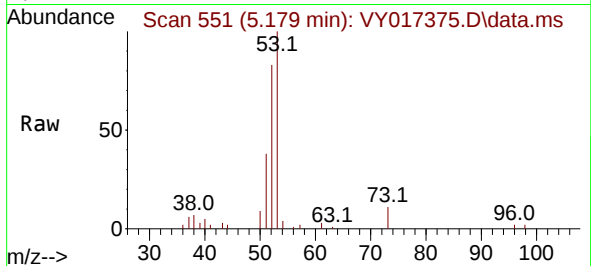
VSTDICC020

Tgt Ion:	53	Resp:	2640
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.1	97.7
51	37.6	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#16

Acetone

Concen: 96.806 ug/l

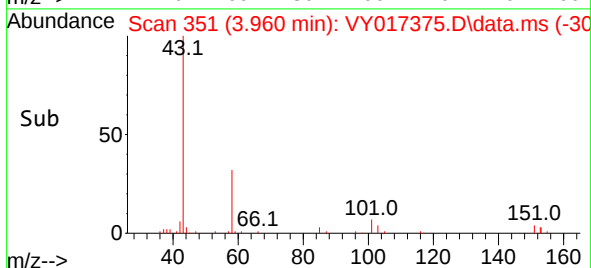
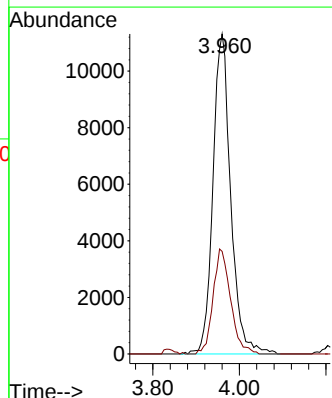
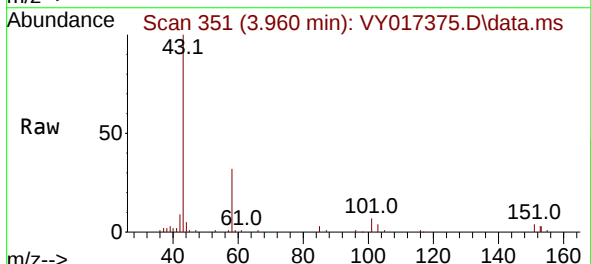
RT: 3.960 min Scan# 351

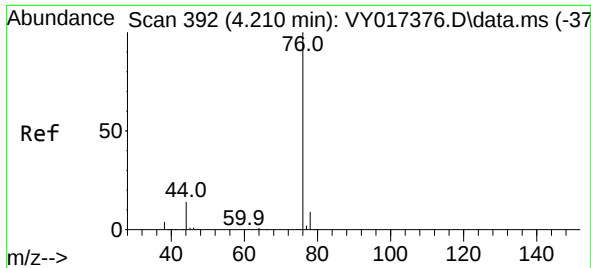
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

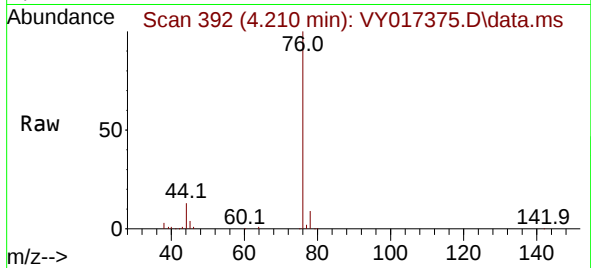
Tgt Ion:	43	Resp:	32229
Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.6	39.8





#17
Carbon Disulfide
Concen: 20.248 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

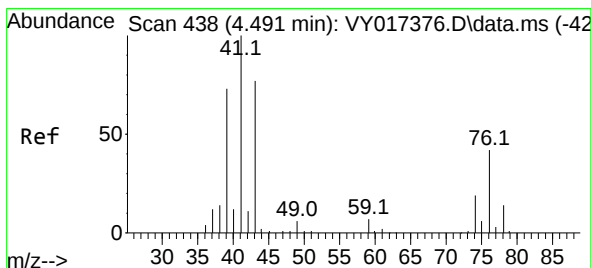
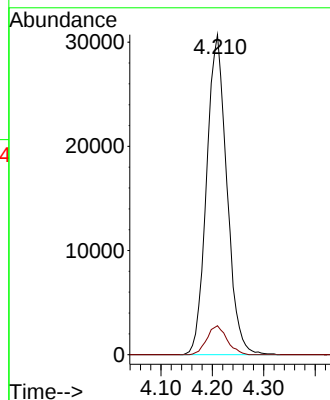
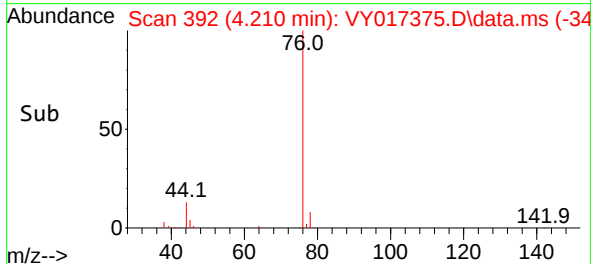
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



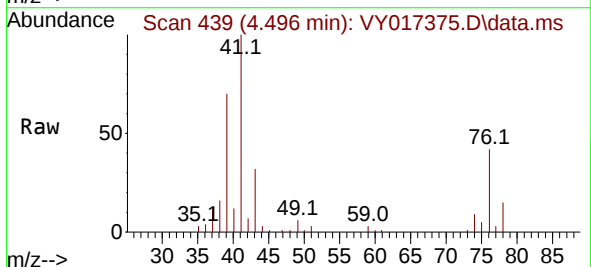
Tgt Ion: 76 Resp: 84010
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

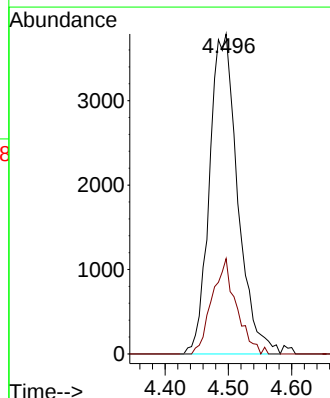
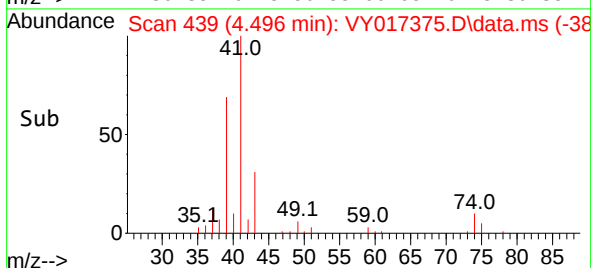
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

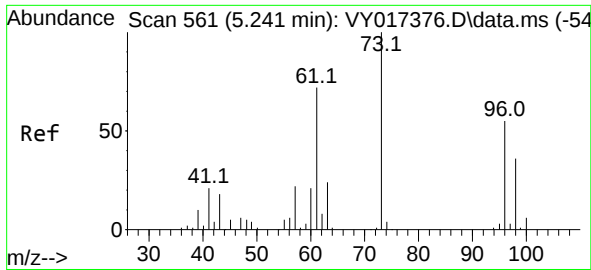


#18
Methyl Acetate
Concen: 12.892 ug/l
RT: 4.496 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26



Tgt Ion: 43 Resp: 11725
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.019 ug/l

RT: 5.240 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 5499

Ion Ratio Lower Upper

73 100

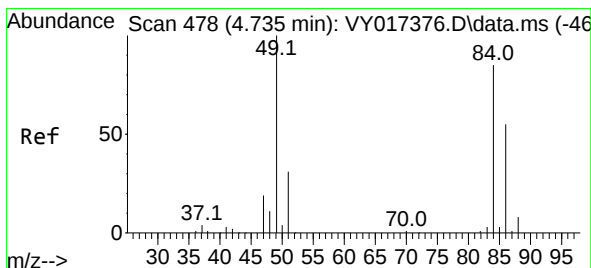
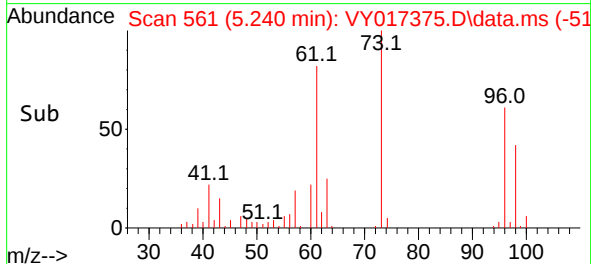
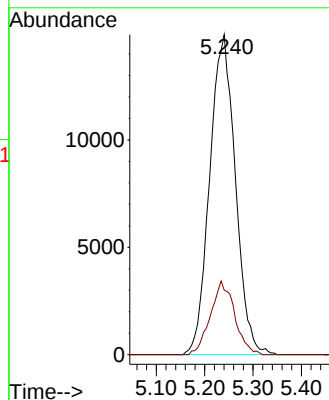
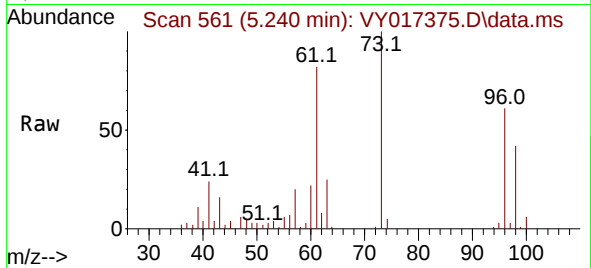
57 20.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#20

Methylene Chloride

Concen: 18.595 ug/l

RT: 4.734 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion: 84 Resp: 31246

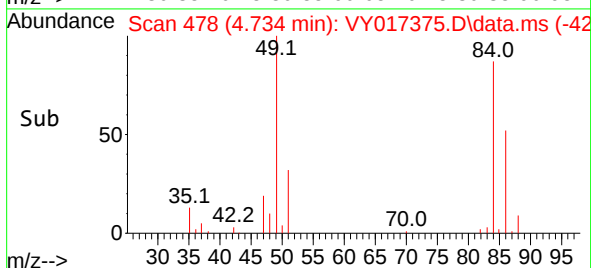
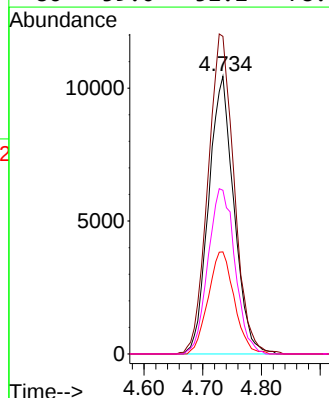
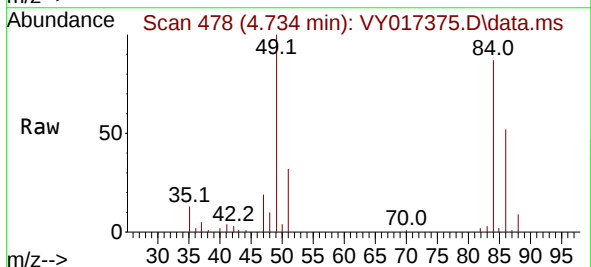
Ion Ratio Lower Upper

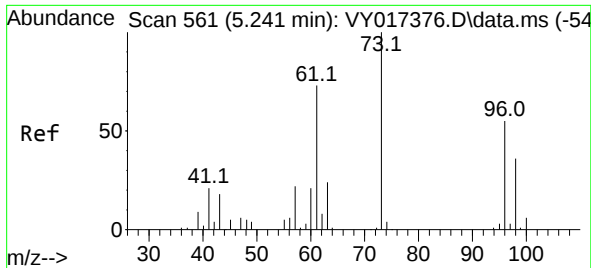
84 100

49 113.9 95.2 142.8

51 36.7 29.9 44.9

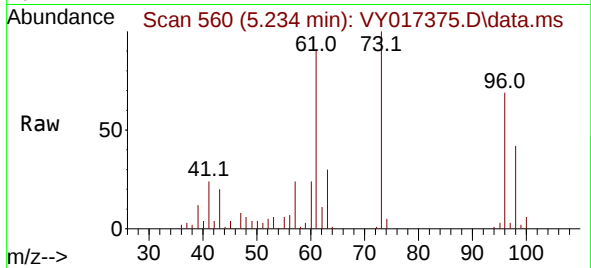
86 59.0 52.2 78.4





#21
trans-1,2-Dichloroethene
Concen: 19.923 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

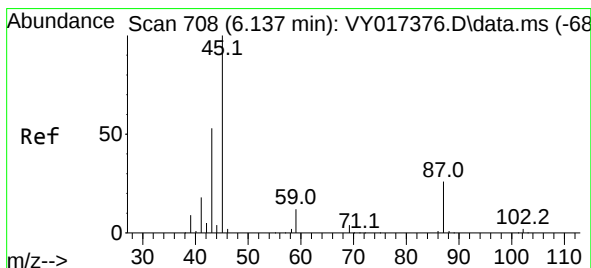
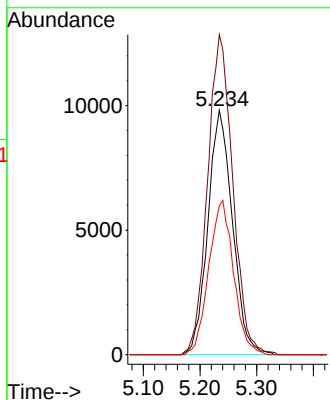
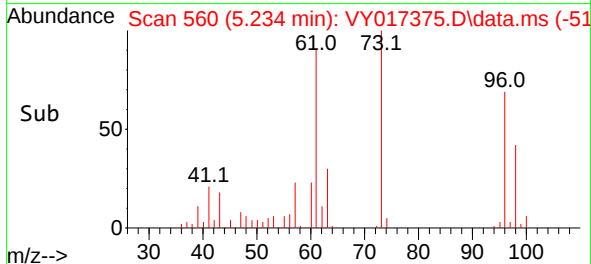
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



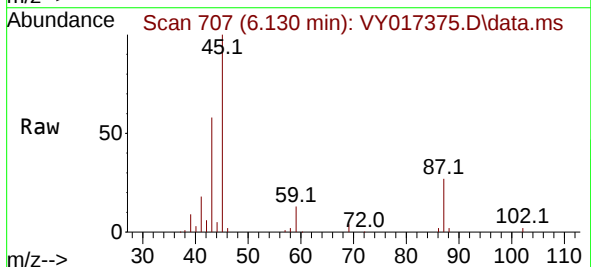
Tgt Ion: 96 Resp: 2960
Ion Ratio Lower Upper
96 100
61 131.0 104.6 156.8
98 60.9 50.9 76.3

Manual Integrations
APPROVED

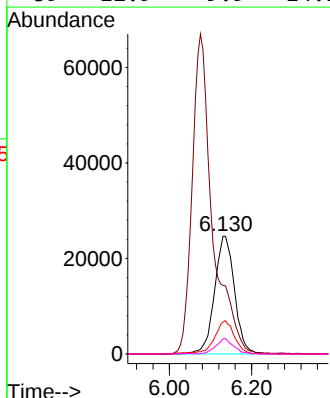
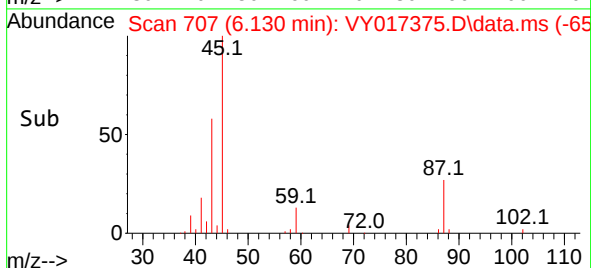
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

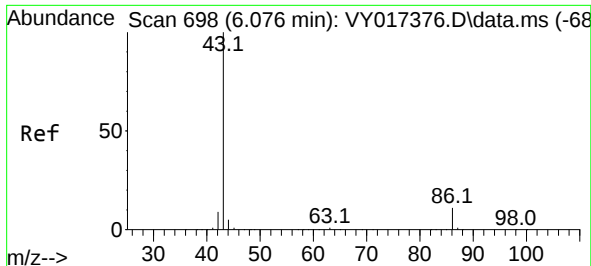


#22
Diisopropyl ether
Concen: 20.175 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26



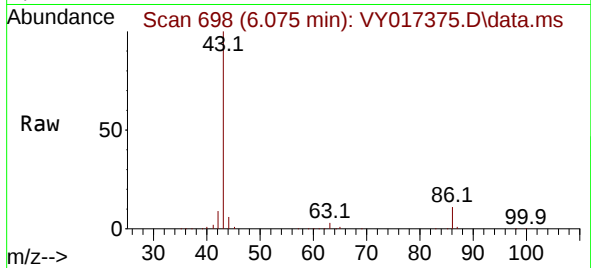
Tgt Ion: 45 Resp: 83153
Ion Ratio Lower Upper
45 100
43 57.4 46.8 70.2
87 27.2 22.2 33.2
59 12.9 9.9 14.9





#23
 Vinyl Acetate
 Concen: 104.609 ug/l
 RT: 6.075 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY017375.D
 Acq: 14 Feb 2024 11:26

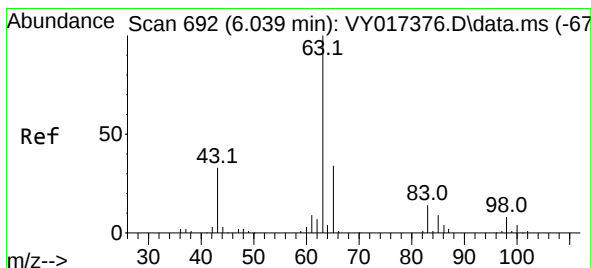
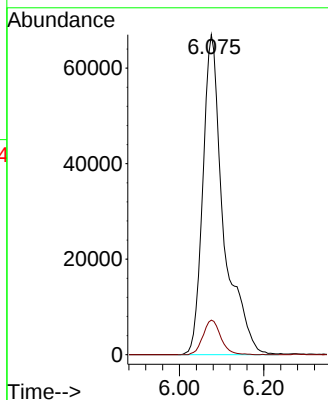
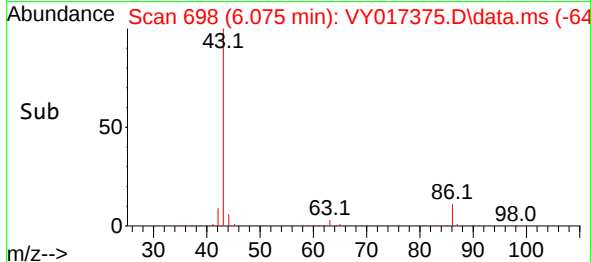
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



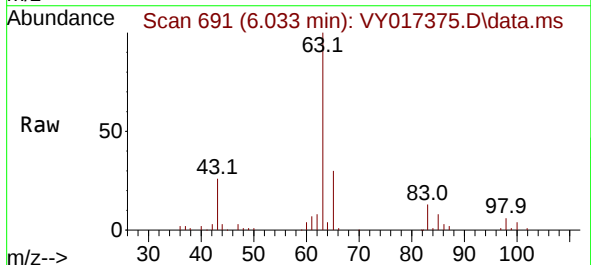
Tgt Ion: 43 Resp: 229172
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

Manual Integrations
 APPROVED

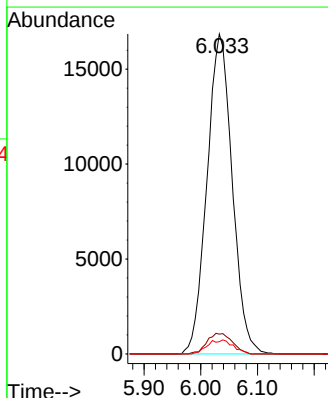
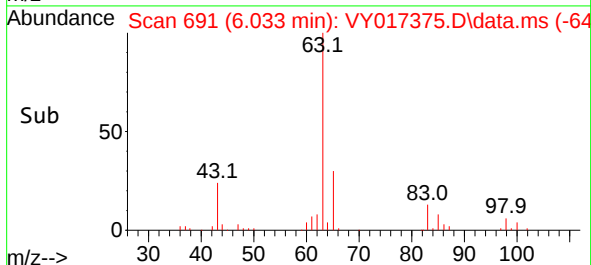
Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

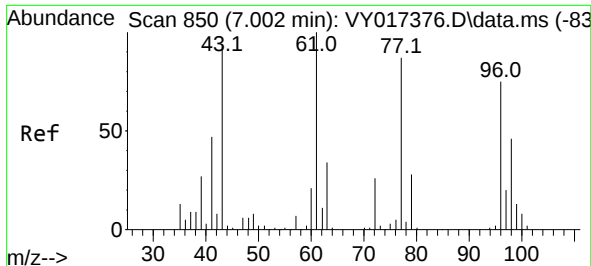


#24
 1,1-Dichloroethane
 Concen: 20.249 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY017375.D
 Acq: 14 Feb 2024 11:26



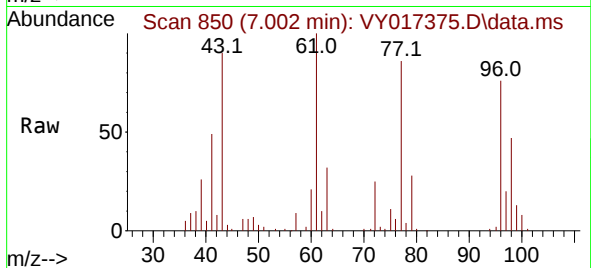
Tgt Ion: 63 Resp: 52071
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 3.9 2.1 6.2





#25
2-Butanone
Concen: 95.523 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

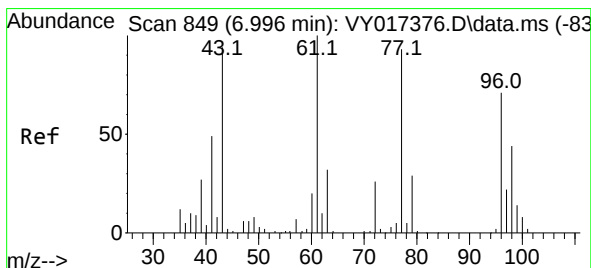
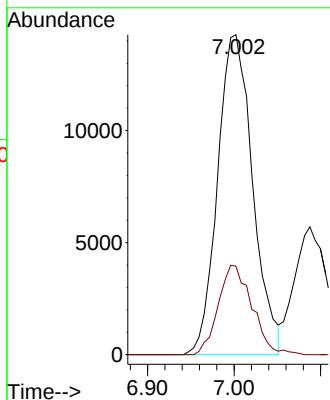
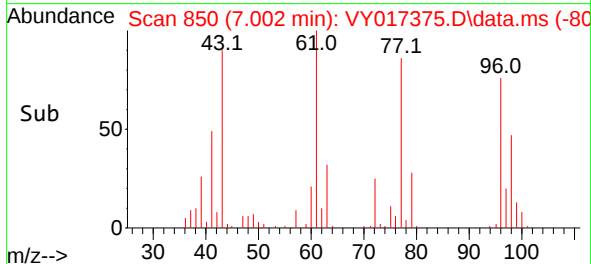
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 40220
Ion Ratio Lower Upper
43 100
72 27.7 21.4 32.2

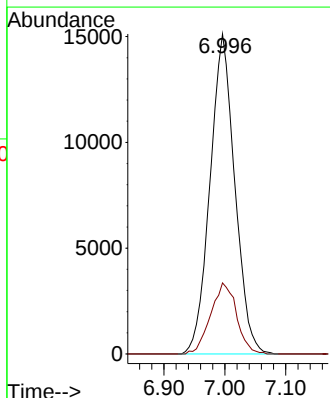
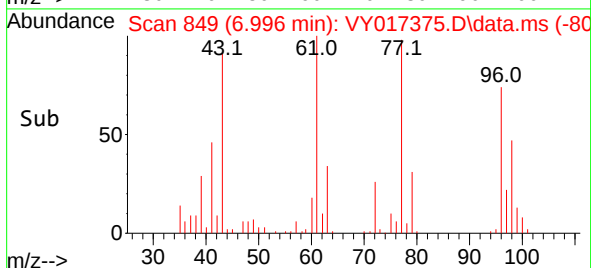
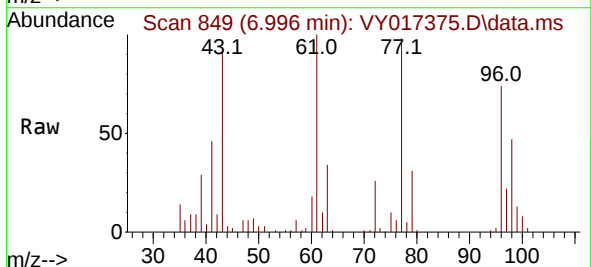
Manual Integrations
APPROVED

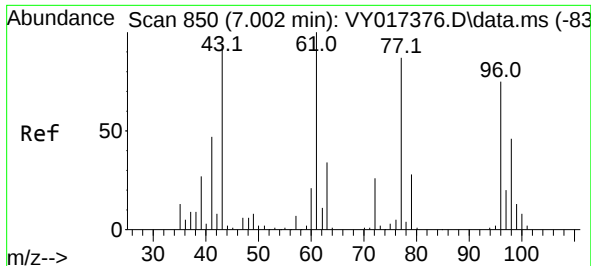
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#26
2,2-Dichloropropane
Concen: 19.380 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

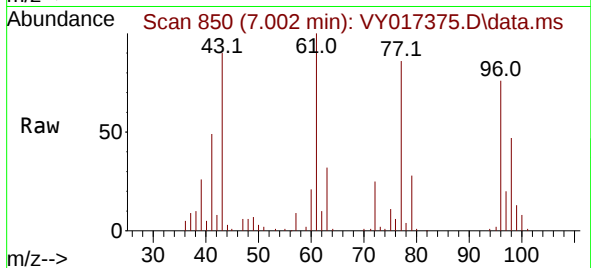
Tgt Ion: 77 Resp: 42686
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.758 ug/l
 RT: 7.002 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY017375.D
 Acq: 14 Feb 2024 11:26

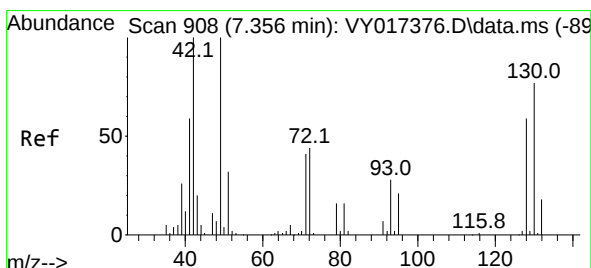
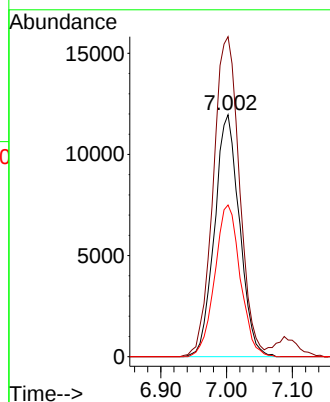
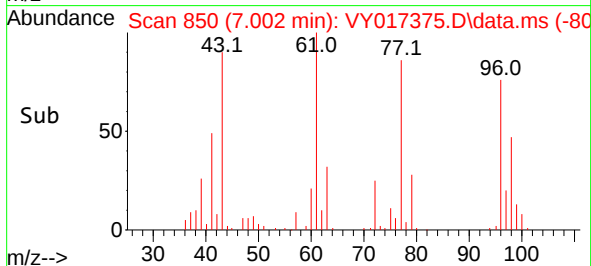
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



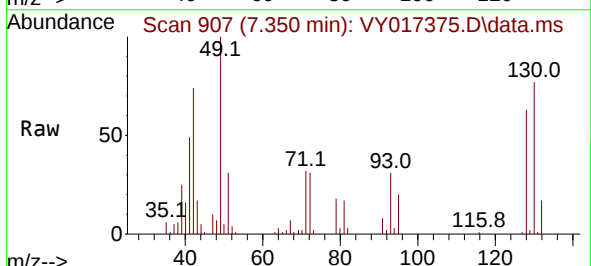
Tgt Ion: 96 Resp: 3161
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 278.8
 98 63.9 0.0 127.0

Manual Integrations
 APPROVED

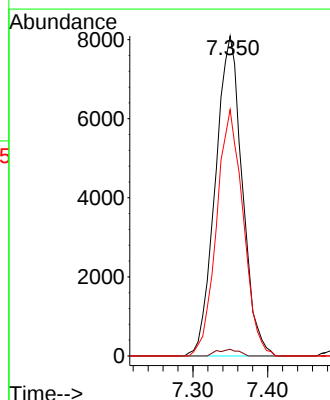
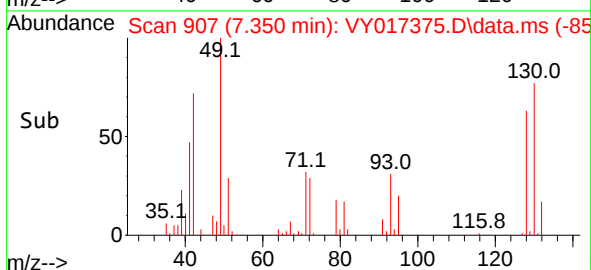
Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

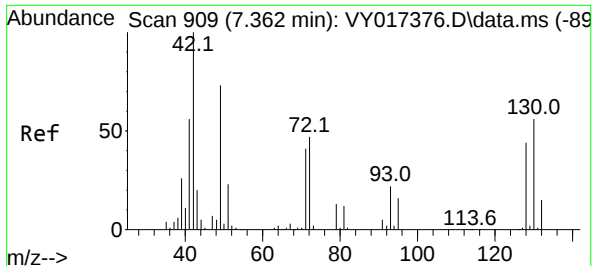


#28
 Bromochloromethane
 Concen: 18.482 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY017375.D
 Acq: 14 Feb 2024 11:26



Tgt Ion: 49 Resp: 20270
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 76.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 91.311 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

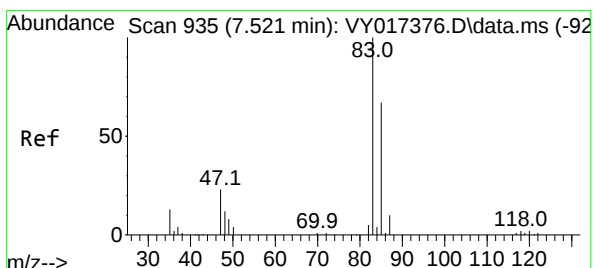
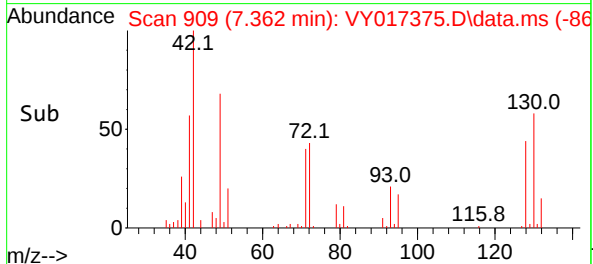
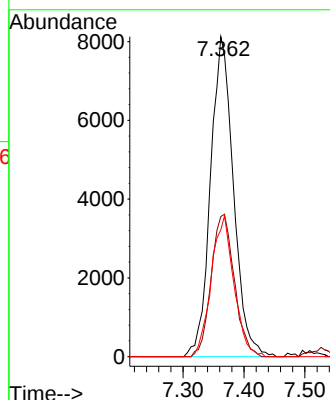
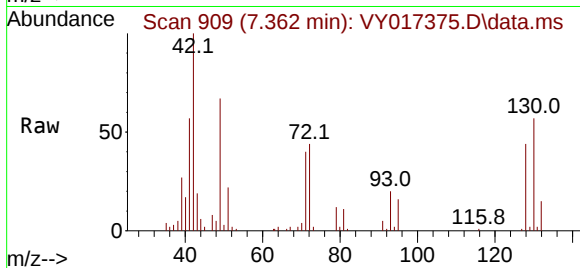
VSTDICC020

Tgt Ion:	42	Resp:	2132
Ion	Ratio	Lower	Upper
42	100		
72	44.7	36.6	54.8
71	43.3	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#30

Chloroform

Concen: 20.120 ug/l

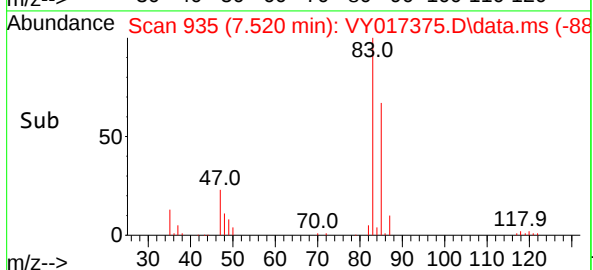
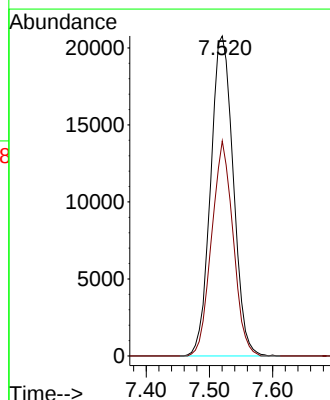
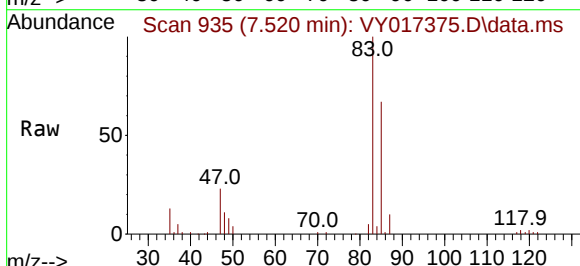
RT: 7.520 min Scan# 935

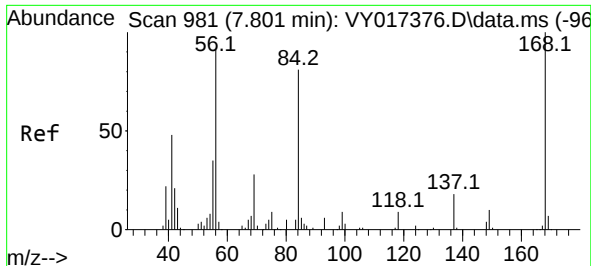
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

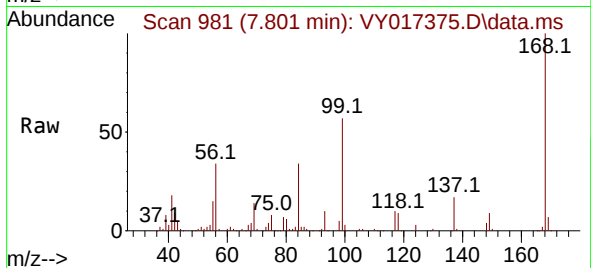
Tgt Ion:	83	Resp:	51593
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.2	76.8





#31
Cyclohexane
Concen: 19.243 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

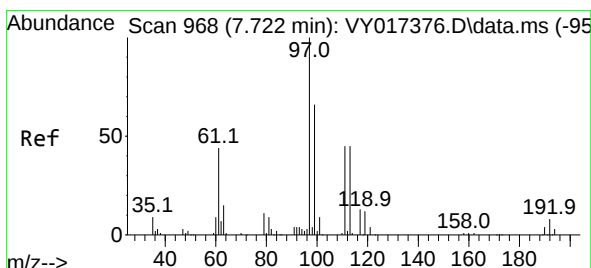
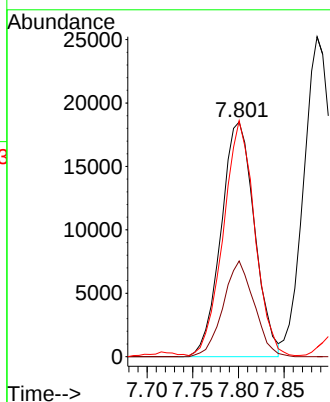
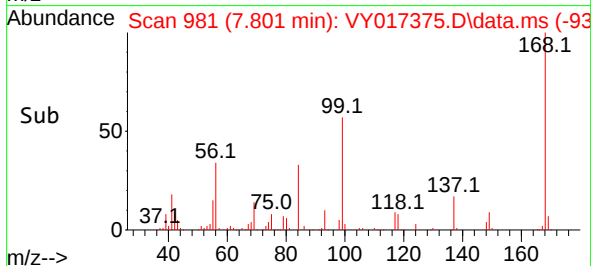
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 47162
Ion Ratio Lower Upper
56 100
69 40.8 27.0 40.6
84 99.7 71.8 107.6

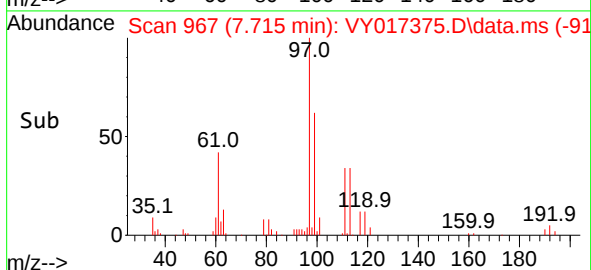
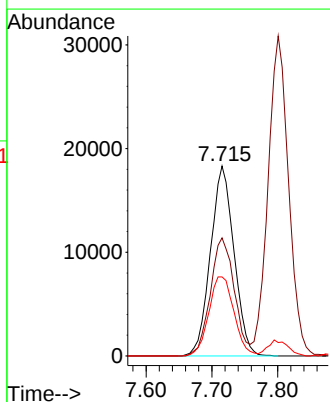
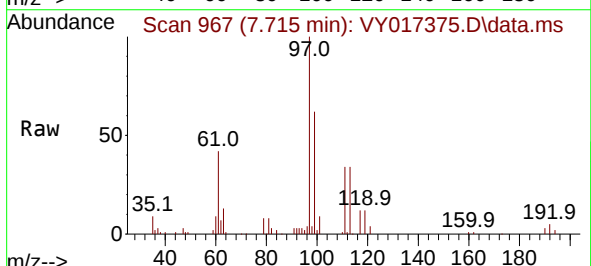
Manual Integrations
APPROVED

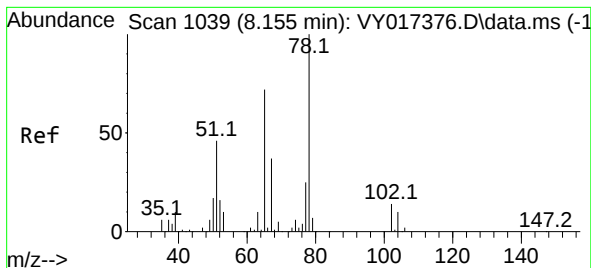
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#32
1,1,1-Trichloroethane
Concen: 20.040 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 97 Resp: 45594
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 17.907 ug/l

RT: 8.154 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 2305

Ion Ratio Lower Upper

65 100

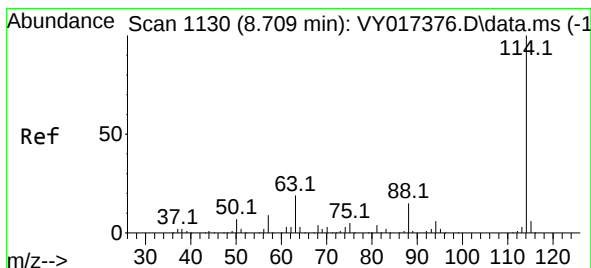
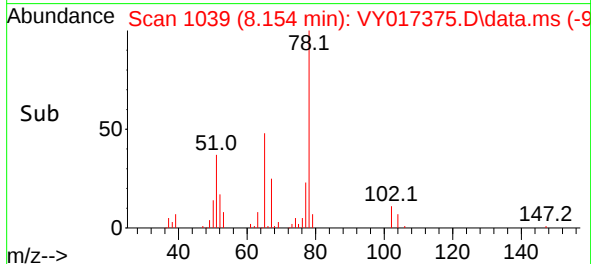
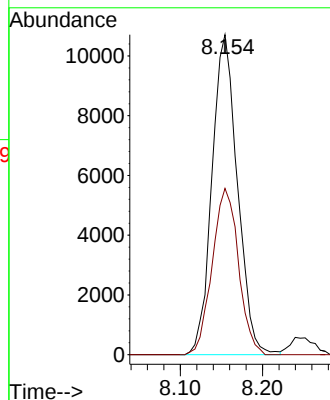
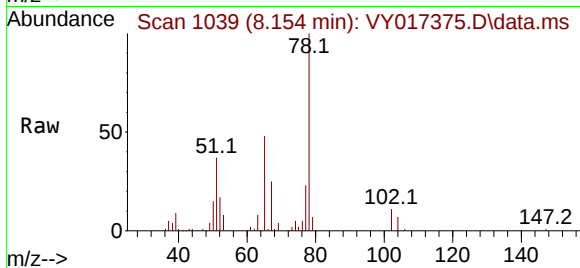
67 53.6 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

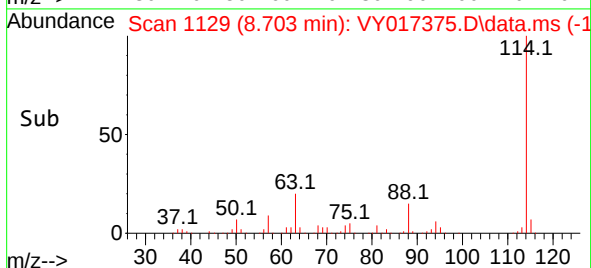
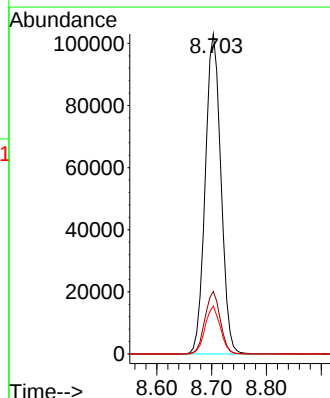
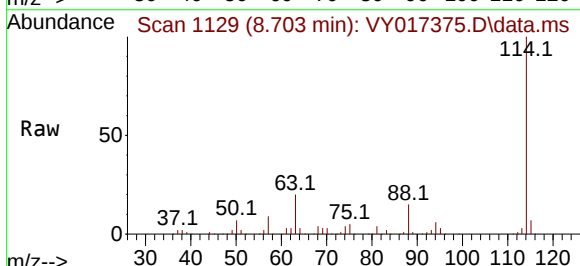
Tgt Ion:114 Resp: 203819

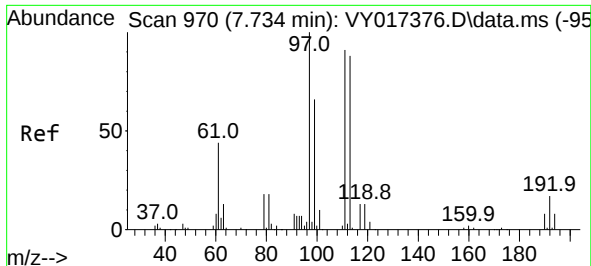
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

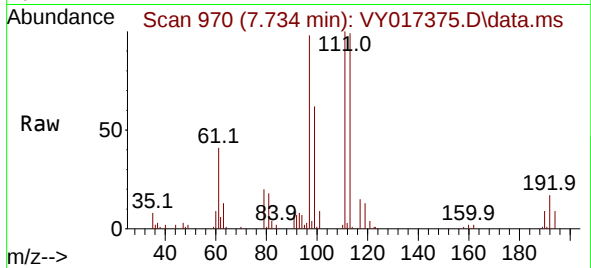
88 15.0 0.0 29.0





#35
Dibromofluoromethane
Concen: 18.582 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

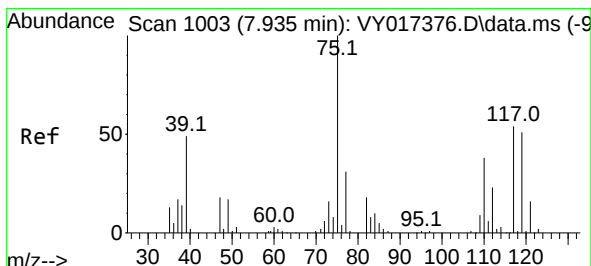
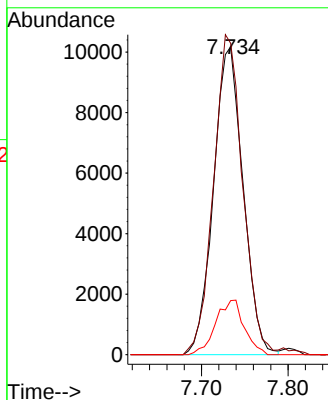
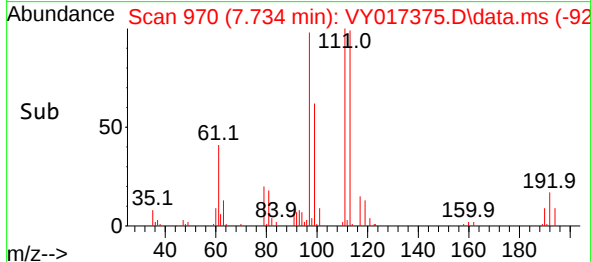
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



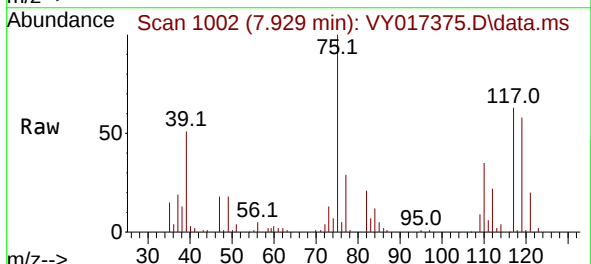
Tgt Ion: 113 Resp: 2414
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.1 14.5 21.7

Manual Integrations
APPROVED

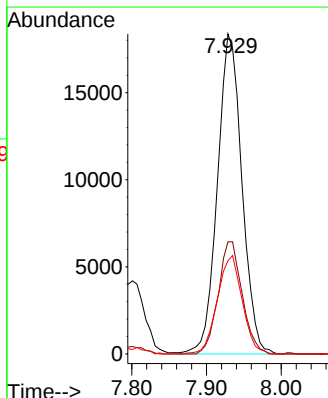
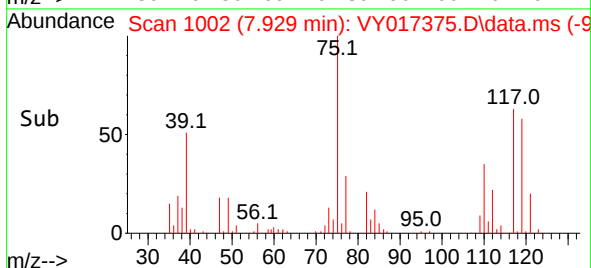
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

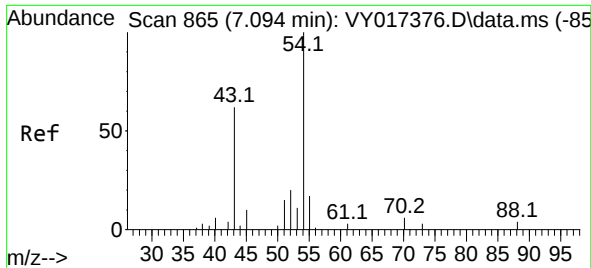


#36
1,1-Dichloropropene
Concen: 19.696 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26



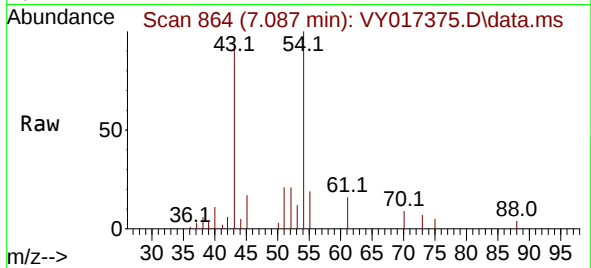
Tgt Ion: 75 Resp: 41906
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 18.668 ug/l
RT: 7.087 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

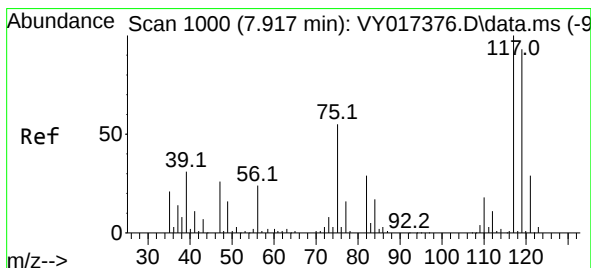
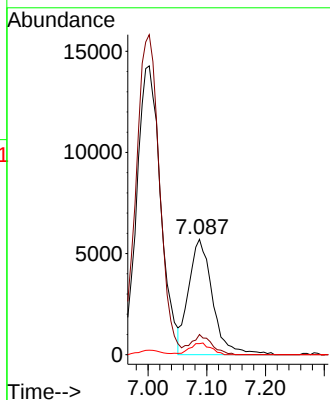
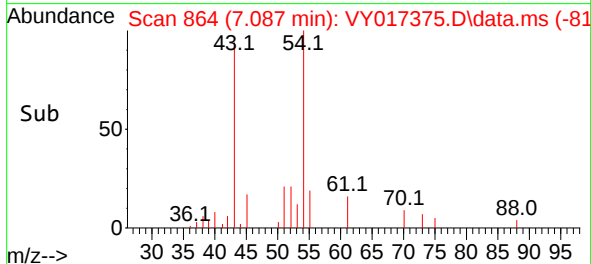
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 16148
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 8.7 8.1 12.1

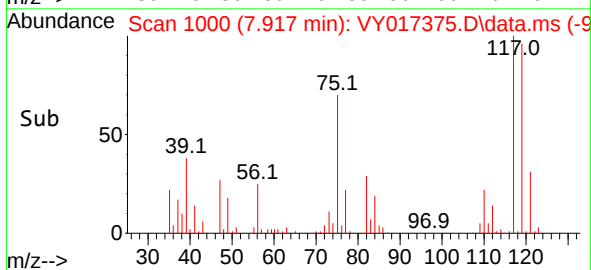
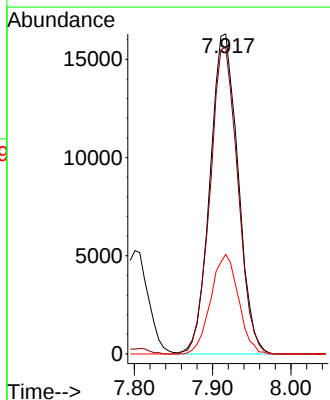
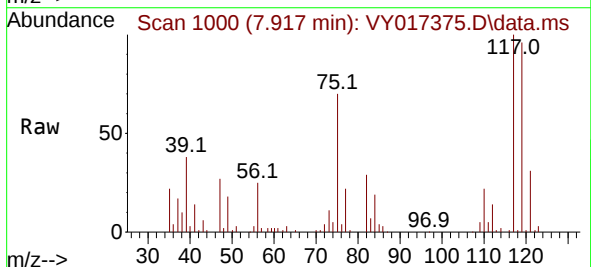
Manual Integrations
APPROVED

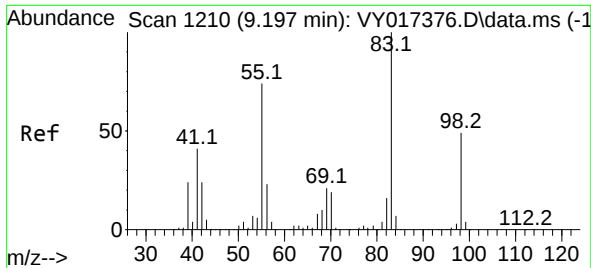
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#38
Carbon Tetrachloride
Concen: 19.839 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion:117 Resp: 40504
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 19.109 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

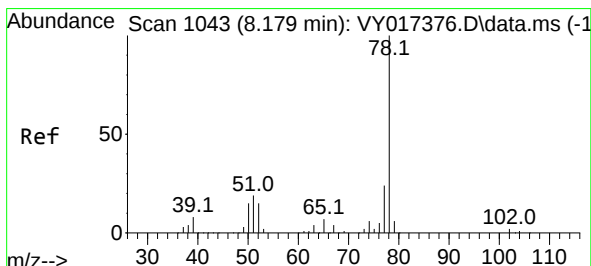
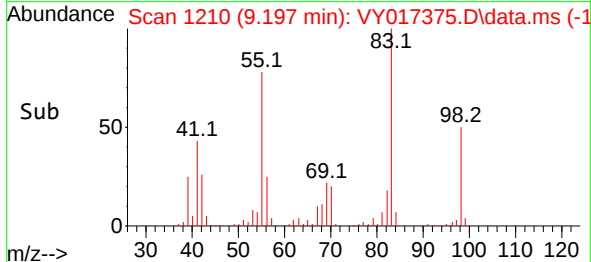
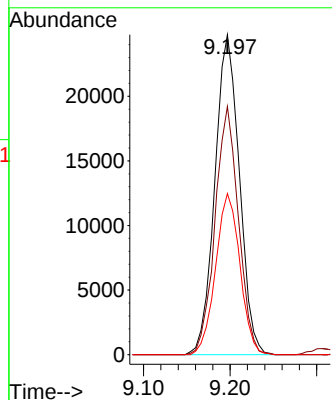
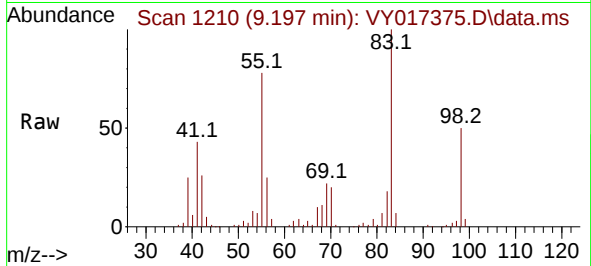
VSTDICC020

Tgt Ion: 83 Resp: 4868
Ion Ratio Lower Upper
83 100
55 77.6 59.7 89.5
98 50.3 38.0 57.0

Manual Integrations

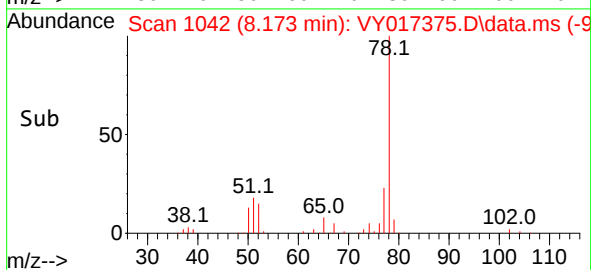
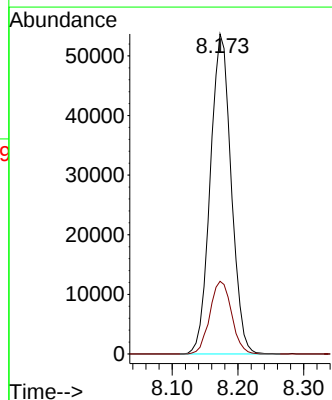
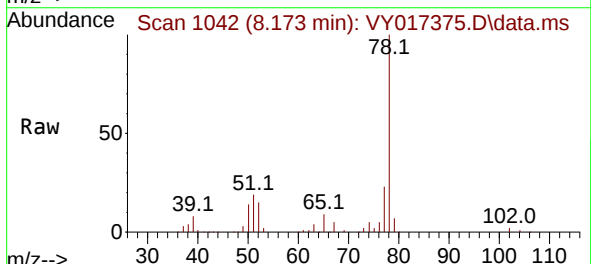
APPROVED

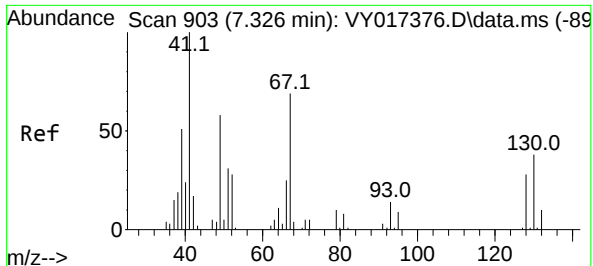
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#40
Benzene
Concen: 19.923 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

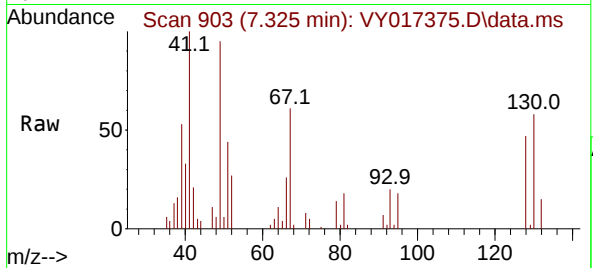
Tgt Ion: 78 Resp: 118765
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2





#41
Methacrylonitrile
Concen: 14.294 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

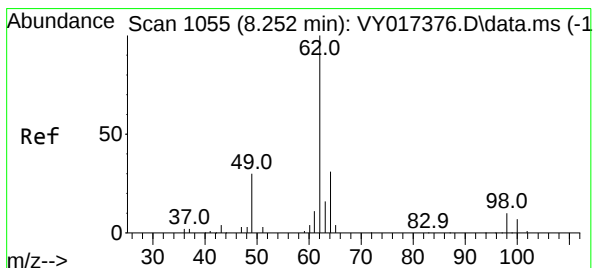
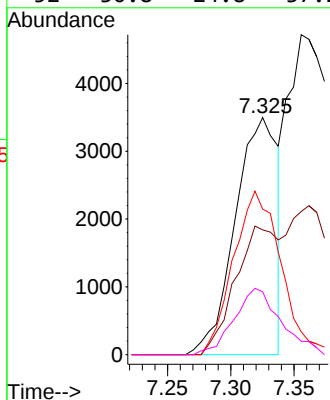
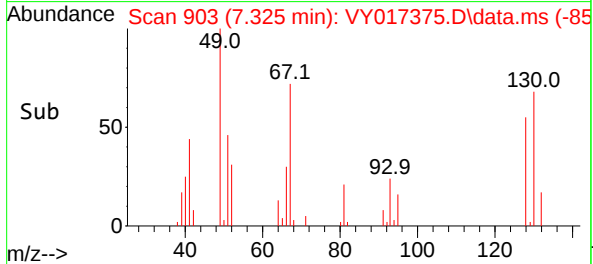
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:	41	Resp:	817
Ion Ratio	100	Lower	Upper
39	53.8	41.9	62.9
67	76.9	59.8	89.6
52	30.8	24.8	37.2

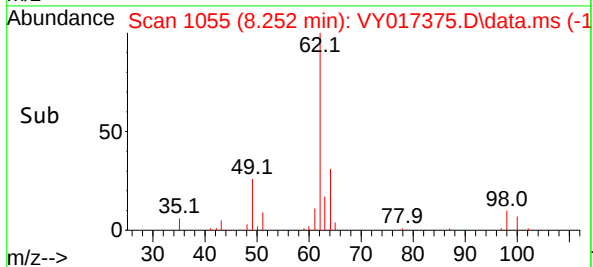
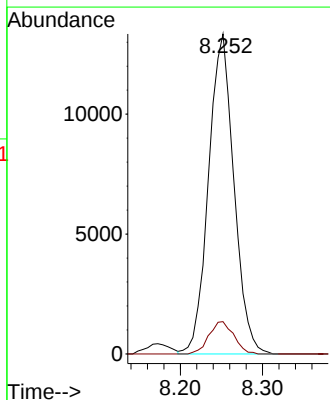
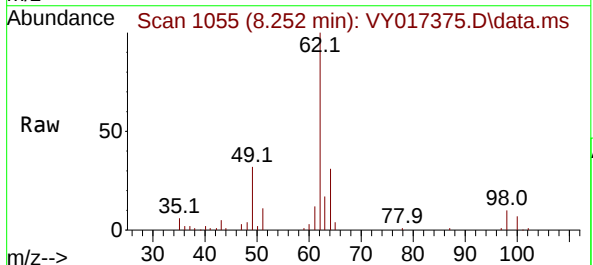
Manual Integrations
APPROVED

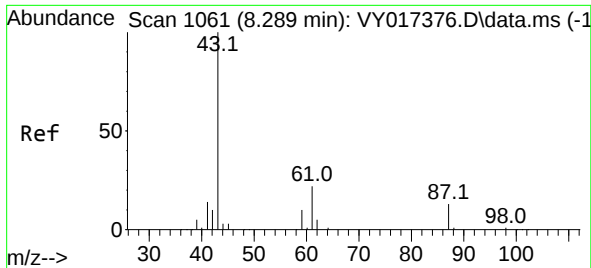
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#42
1,2-Dichloroethane
Concen: 18.887 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

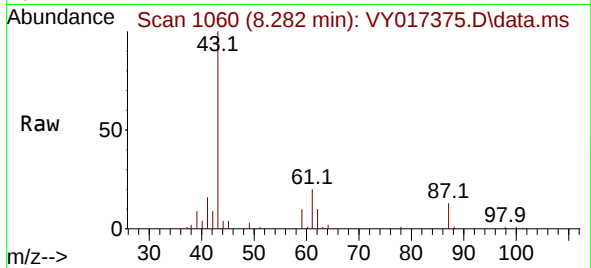
Tgt Ion:	62	Resp:	28654
Ion Ratio	100	Lower	Upper
98	9.9	0.0	20.2





#43
Isopropyl Acetate
Concen: 18.391 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

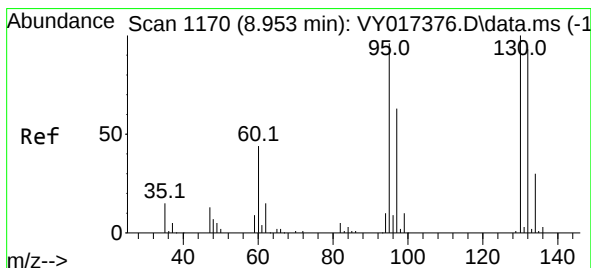
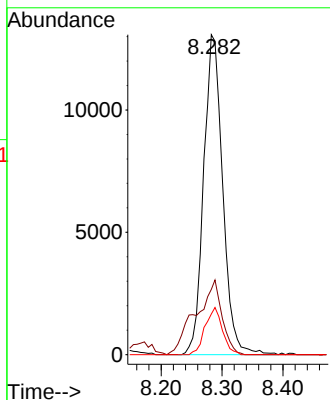
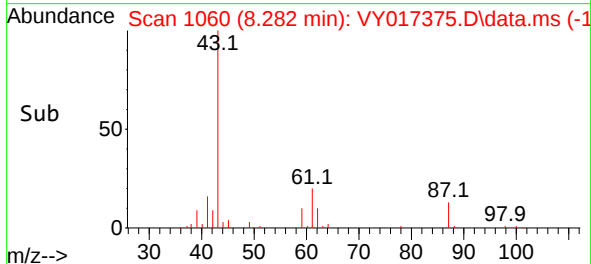
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
61 32.1 24.8 37.2
87 13.4 10.7 16.1

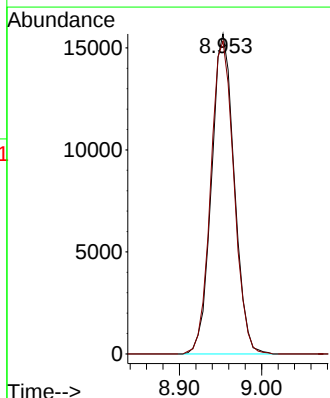
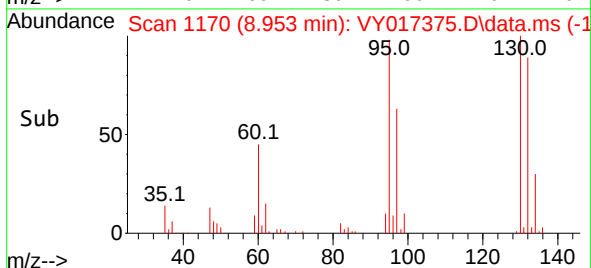
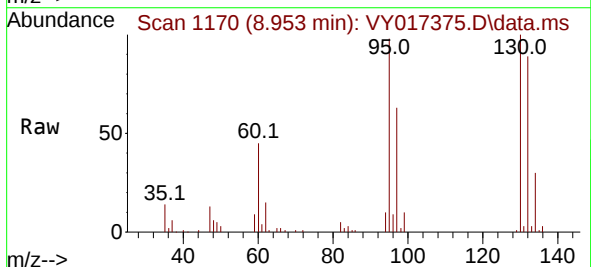
Manual Integrations
APPROVED

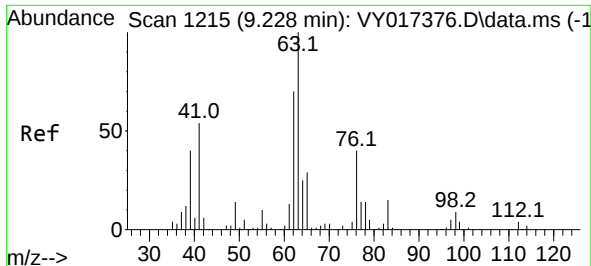
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#44
Trichloroethene
Concen: 19.542 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion:130 Resp: 30102
Ion Ratio Lower Upper
130 100
95 97.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.737 ug/l

RT: 9.227 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 28310

Ion Ratio Lower Upper

63 100

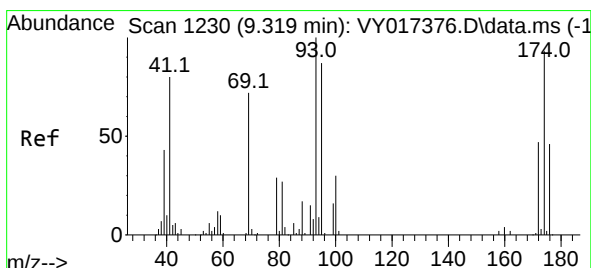
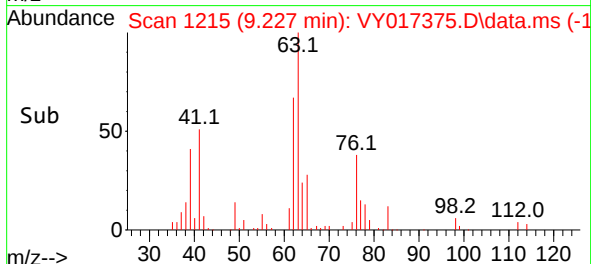
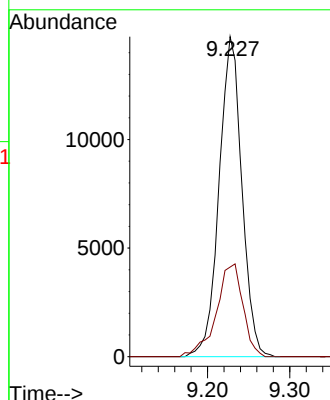
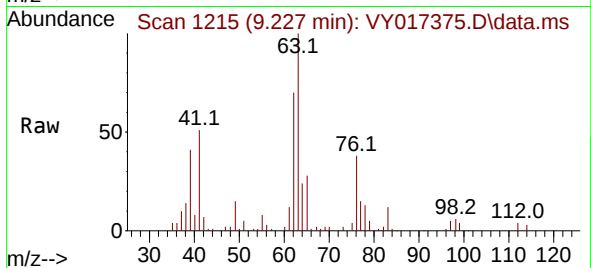
65 28.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#46

Dibromomethane

Concen: 19.135 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

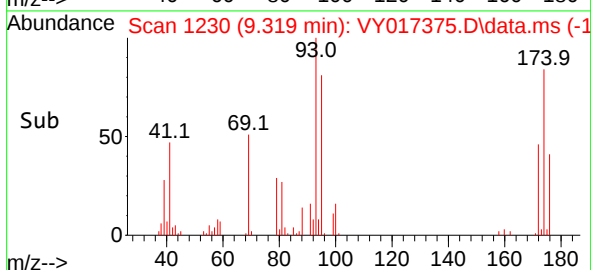
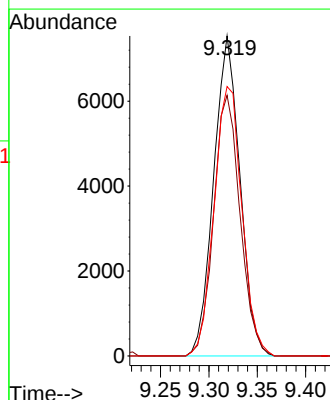
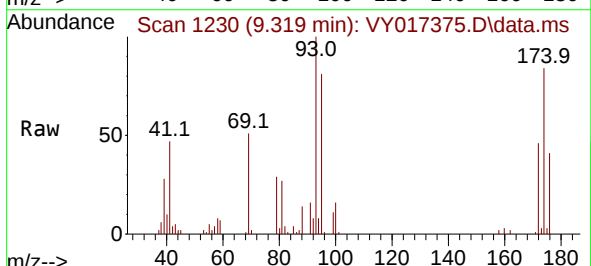
Tgt Ion: 93 Resp: 14245

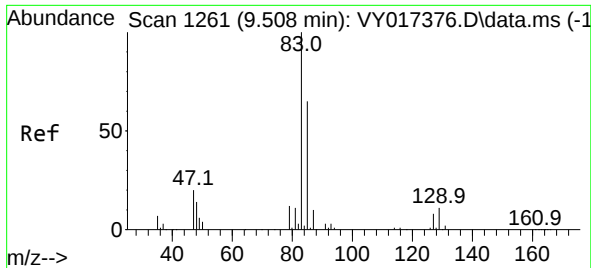
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 89.1 73.8 110.6





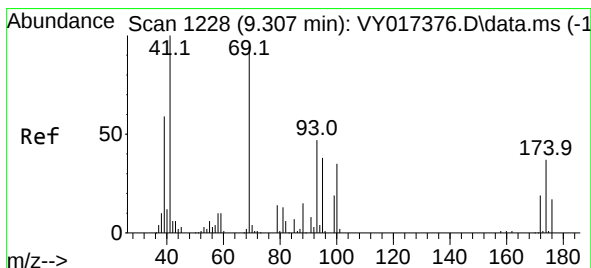
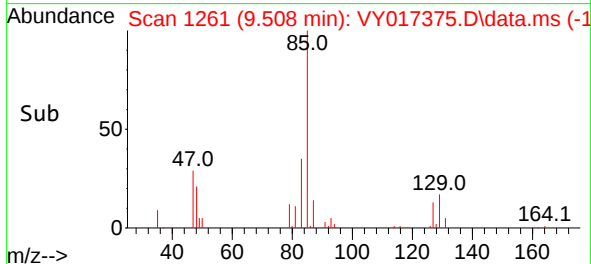
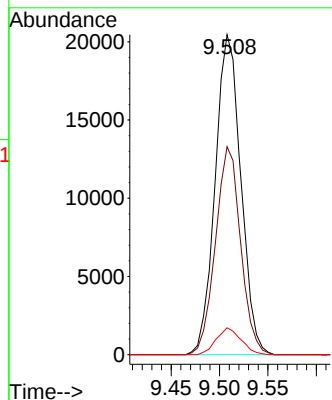
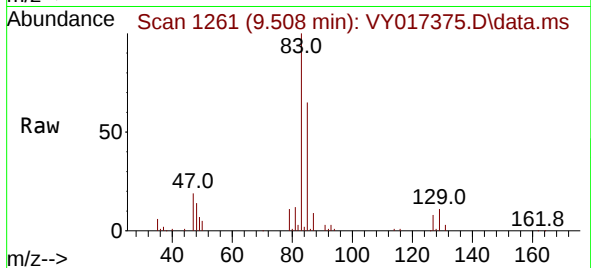
#47
Bromodichloromethane
Concen: 19.682 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 3768
Ion Ratio Lower Upper
83 100
85 65.0 53.2 79.8
127 8.4 6.4 9.6

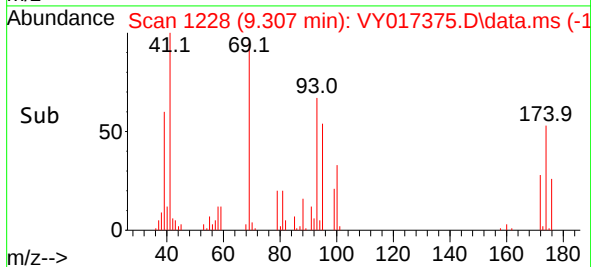
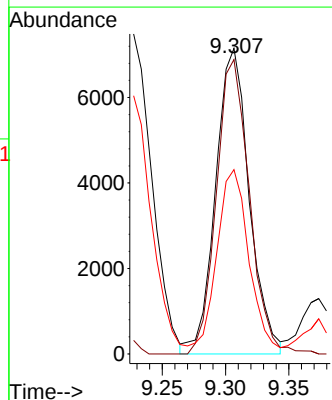
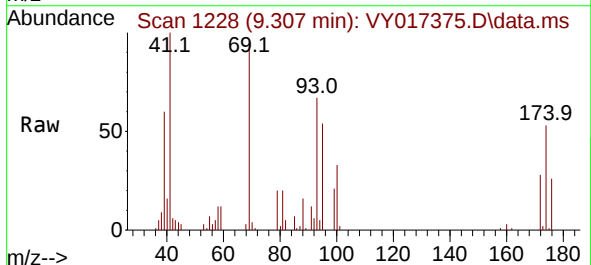
Manual Integrations
APPROVED

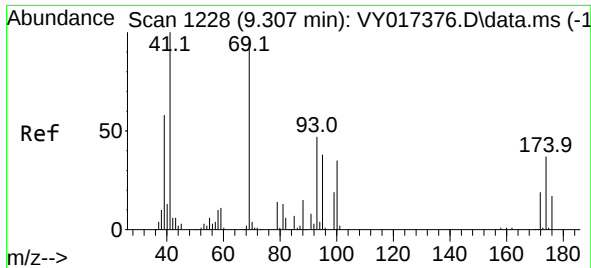
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#48
Methyl methacrylate
Concen: 16.174 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

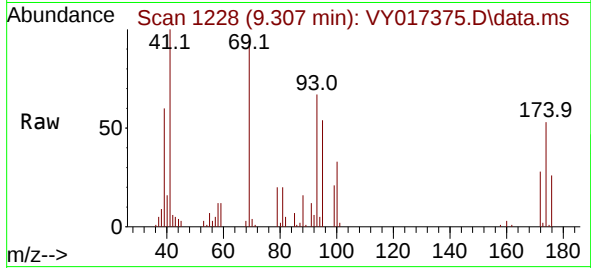
Tgt Ion: 41 Resp: 13213
Ion Ratio Lower Upper
41 100
69 94.8 72.1 108.1
39 54.1 42.8 64.2





#49
1,4-Dioxane
Concen: 347.418 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

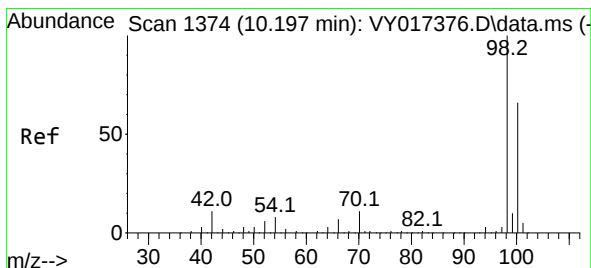
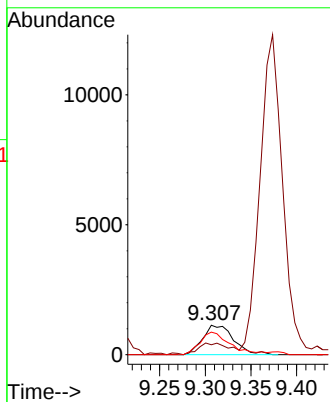
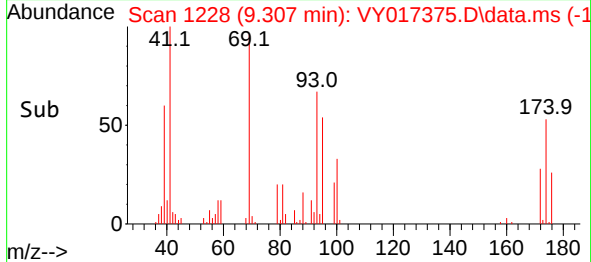
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 266
Ion Ratio Lower Upper
88 100
43 41.2 28.2 42.4
58 74.7 52.2 78.2

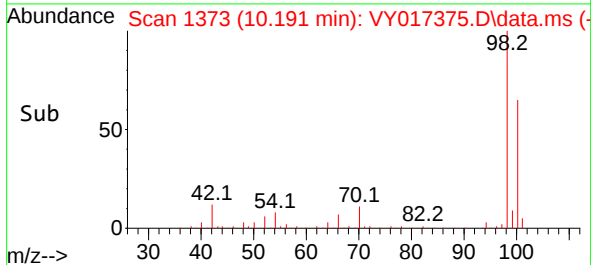
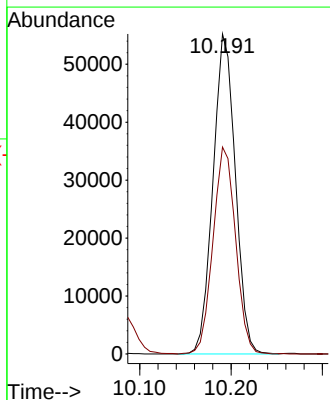
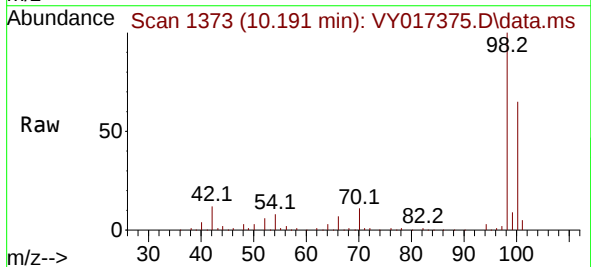
Manual Integrations
APPROVED

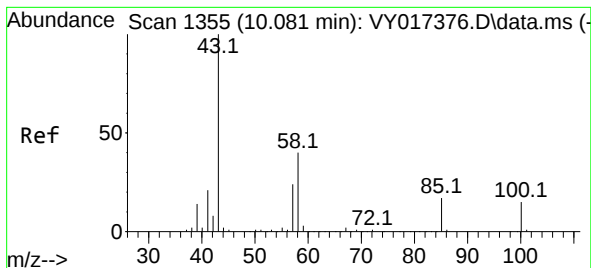
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#50
Toluene-d8
Concen: 18.639 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 98 Resp: 93851
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





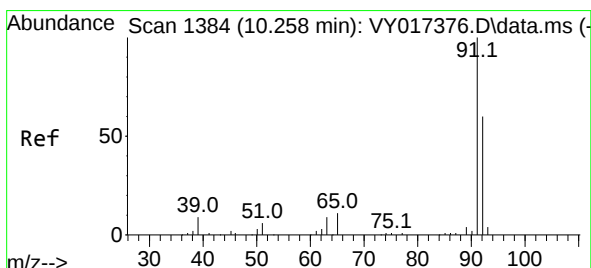
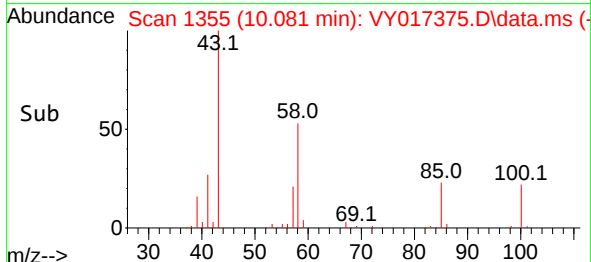
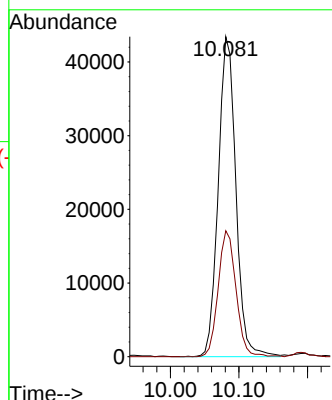
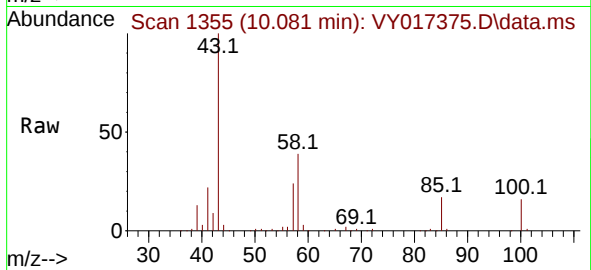
#51
4-Methyl-2-Pentanone
Concen: 91.935 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 77399
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2

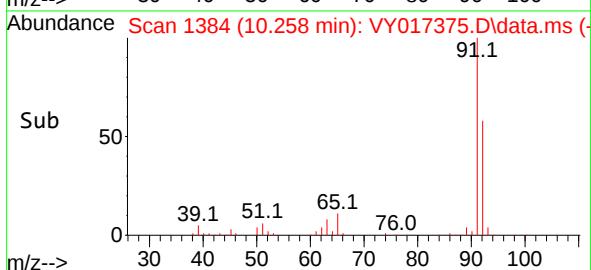
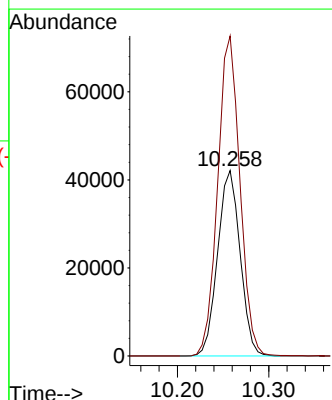
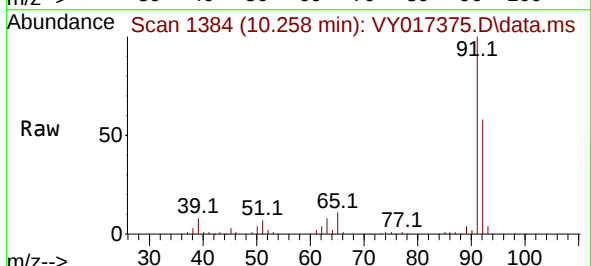
Manual Integrations
APPROVED

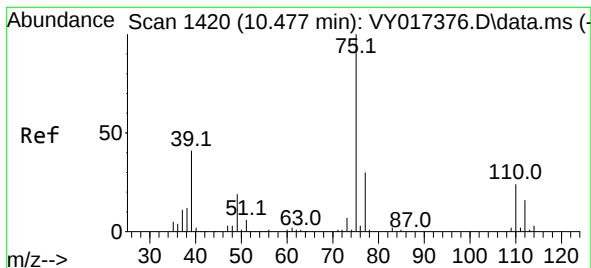
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#52
Toluene
Concen: 19.895 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

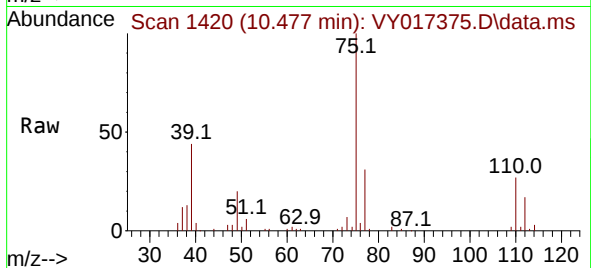
Tgt Ion: 92 Resp: 72070
Ion Ratio Lower Upper
92 100
91 170.5 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

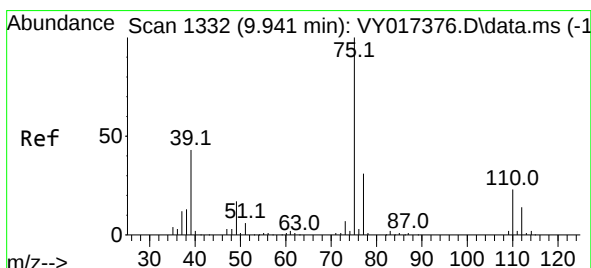
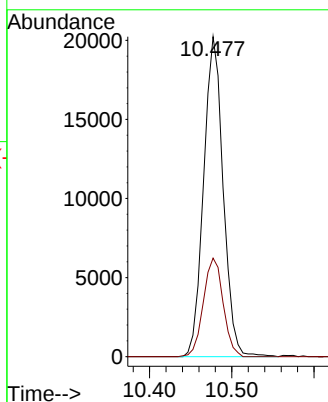
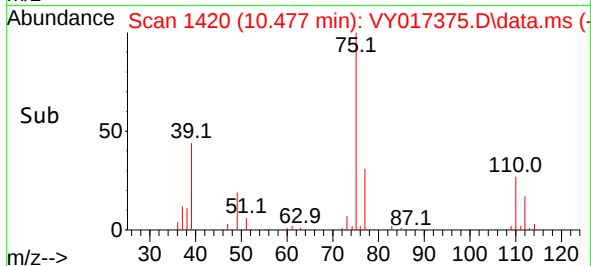
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



Tgt Ion: 75 Resp: 3339
Ion Ratio Lower Upper
75 100
77 30.8 24.6 36.8

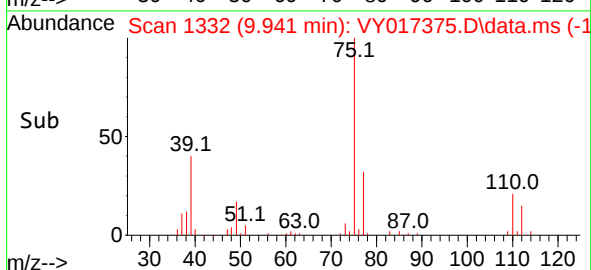
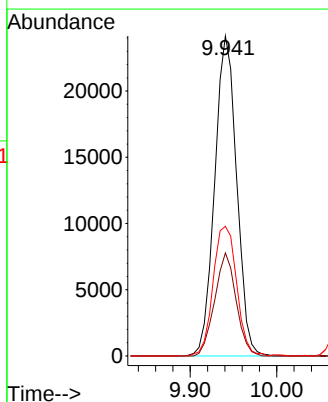
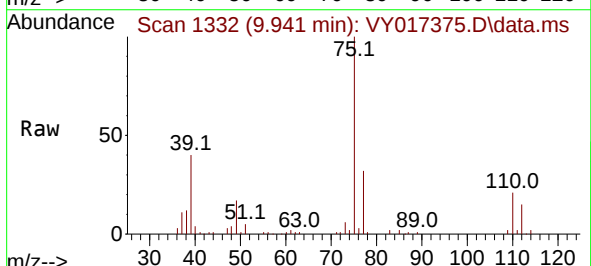
Manual Integrations
APPROVED

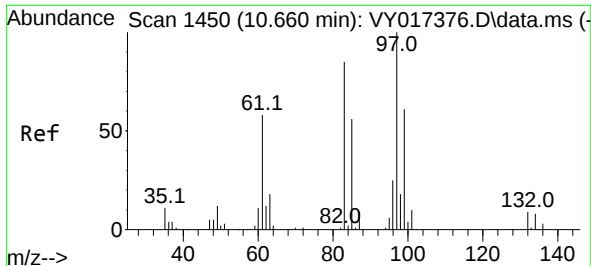
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#54
cis-1,3-Dichloropropene
Concen: 19.572 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

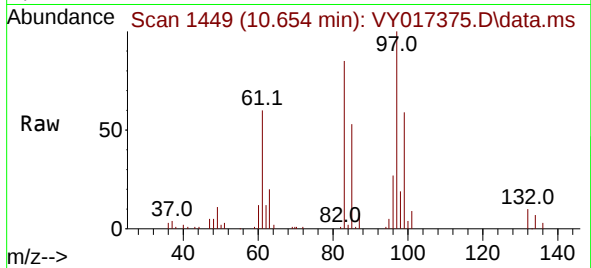
Tgt Ion: 75 Resp: 42500
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8
39 40.5 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 19.169 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

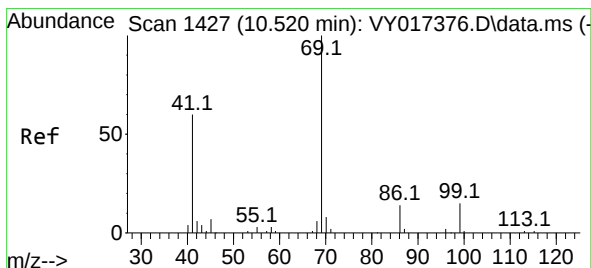
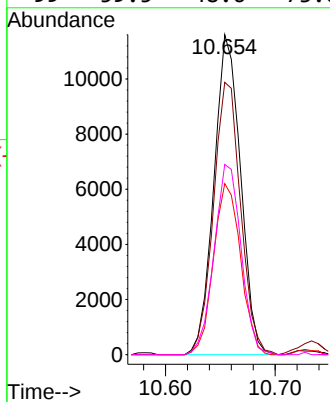
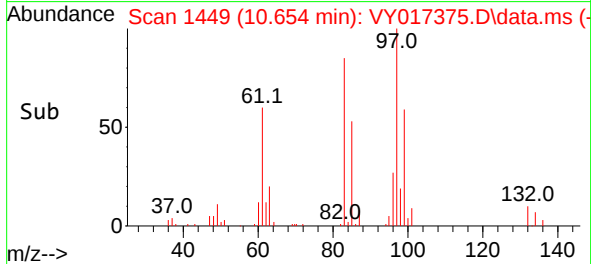


Tgt Ion: 97 Resp: 1957

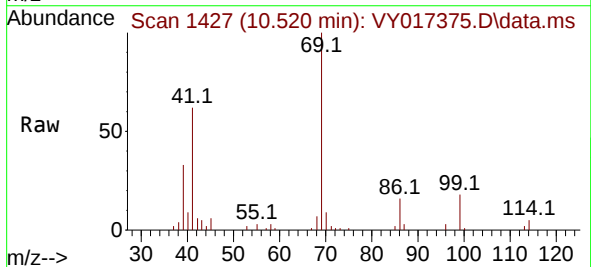
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.4	104.2
85	53.5	43.9	65.9
99	59.5	48.6	73.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

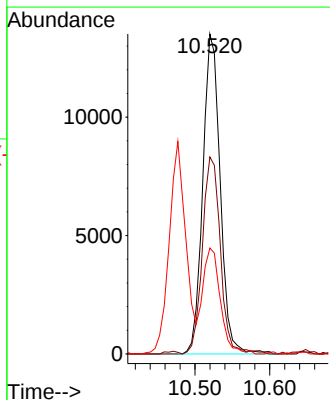
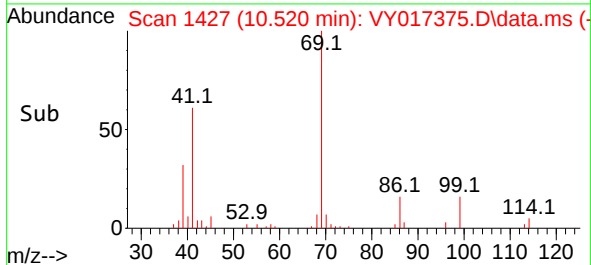


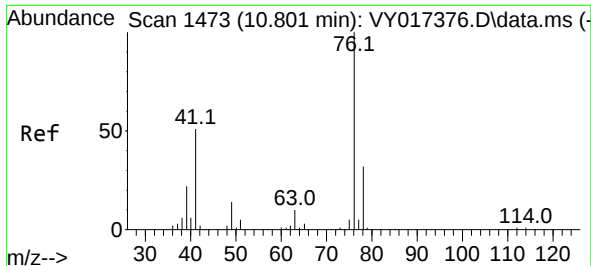
#56
Ethyl methacrylate
Concen: 21.003 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26



Tgt Ion: 69 Resp: 21857

Ion	Ratio	Lower	Upper
69	100		
41	63.9	49.2	73.8
39	33.5	26.8	40.2





#57

1,3-Dichloropropane

Concen: 18.867 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 33170

Ion Ratio Lower Upper

76 100

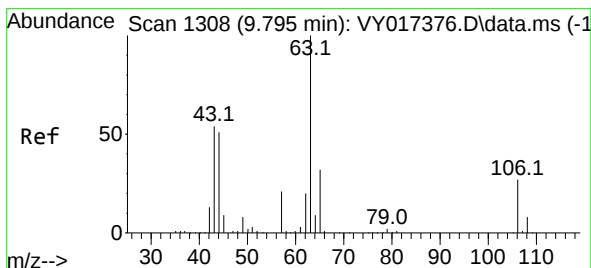
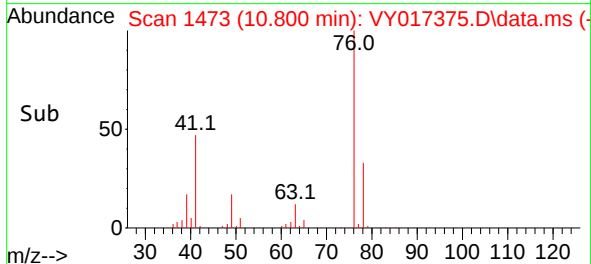
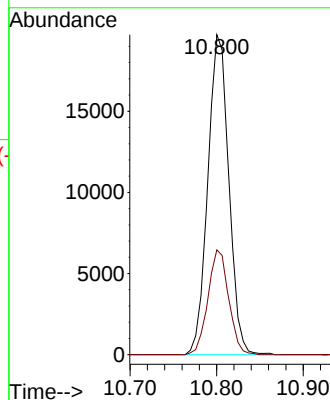
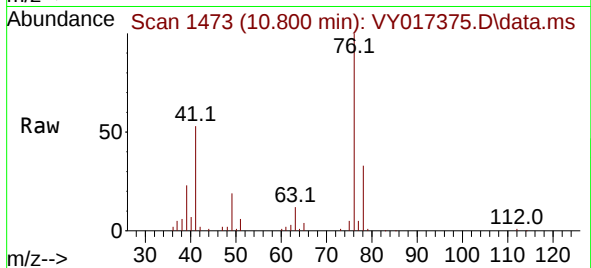
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.814 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY017375.D

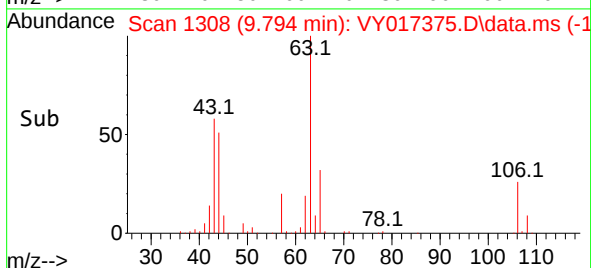
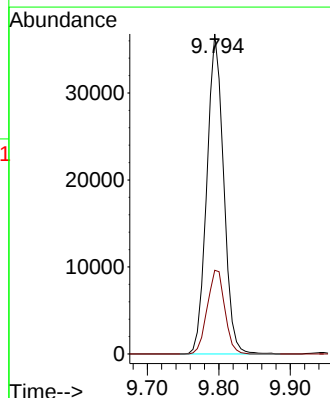
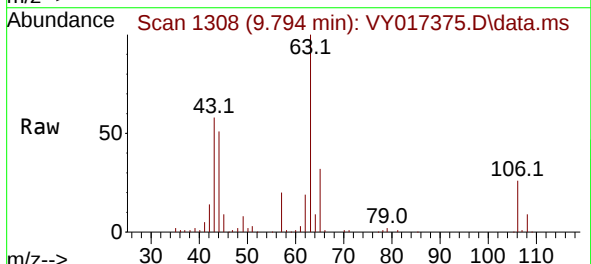
Acq: 14 Feb 2024 11:26

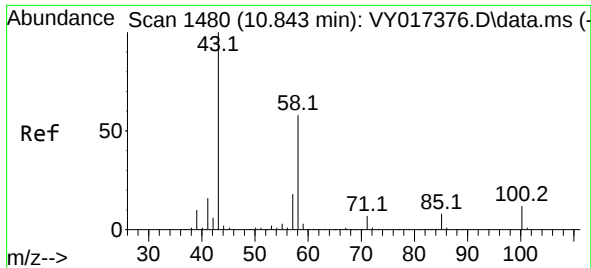
Tgt Ion: 63 Resp: 59944

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6





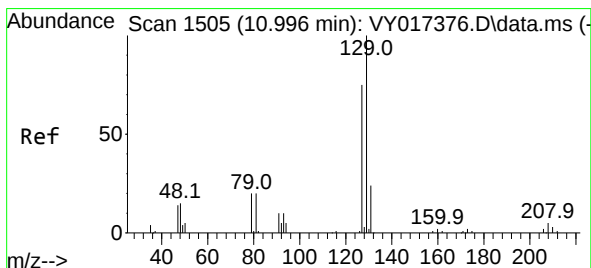
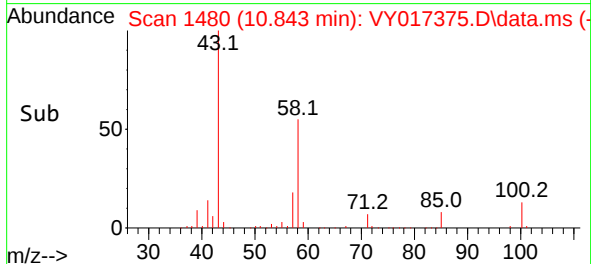
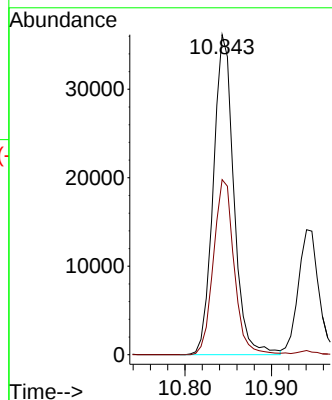
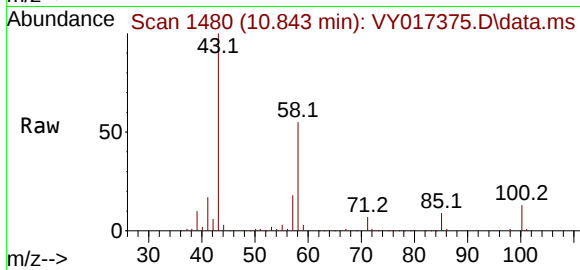
#59
2-Hexanone
Concen: 98.382 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5952
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3

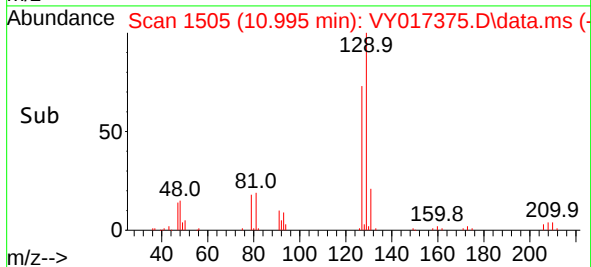
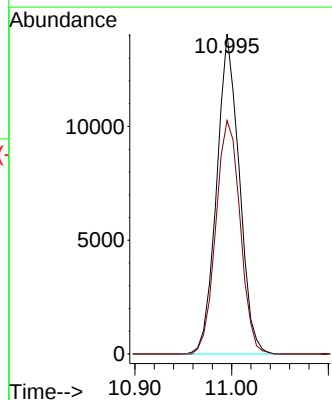
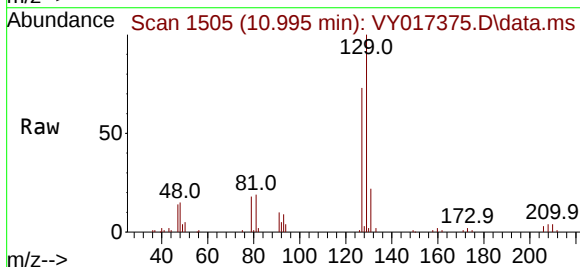
Manual Integrations
APPROVED

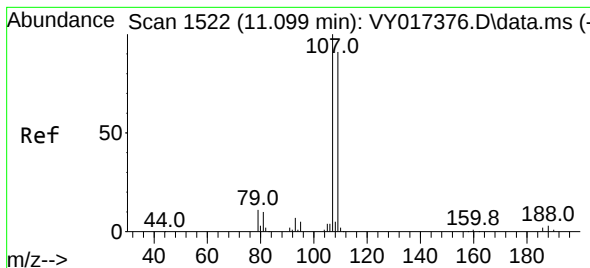
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#60
Dibromochloromethane
Concen: 19.231 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

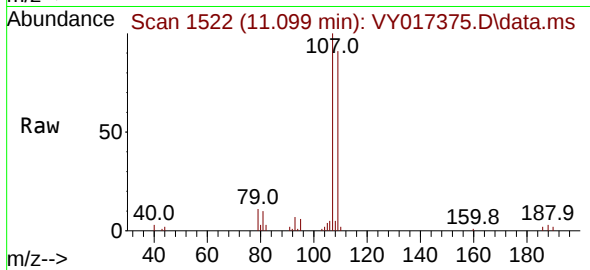
Tgt Ion:129 Resp: 22803
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 18.891 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

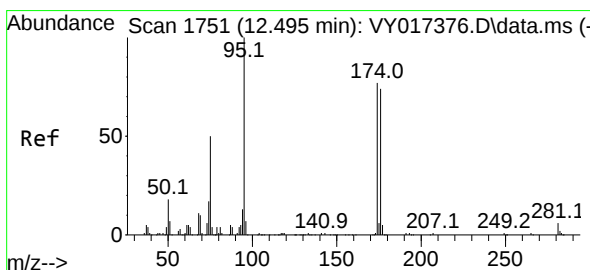
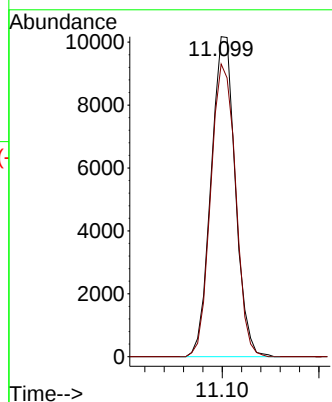
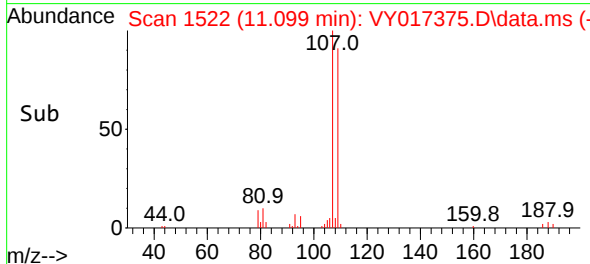
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



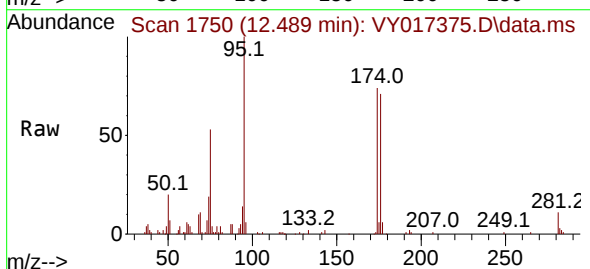
Tgt Ion:107 Resp: 1768
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

Manual Integrations
APPROVED

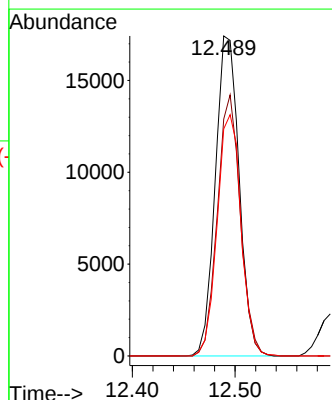
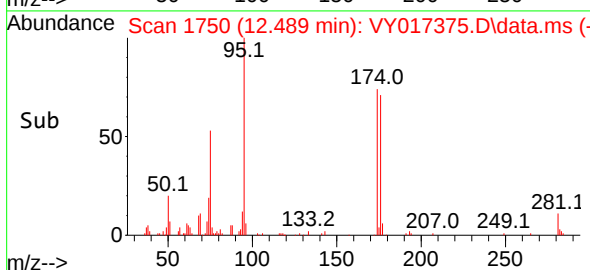
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024

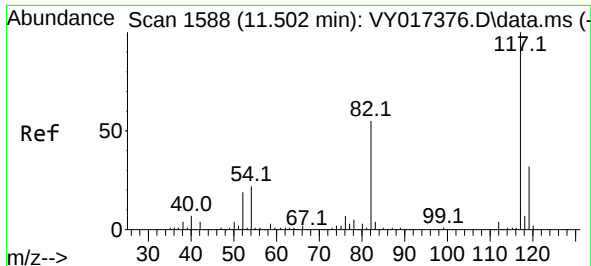


#62
4-Bromofluorobenzene
Concen: 18.144 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26



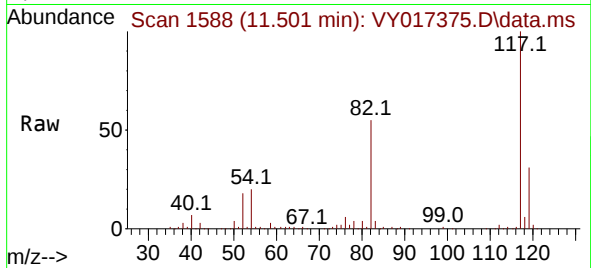
Tgt Ion: 95 Resp: 28007
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 75.6 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

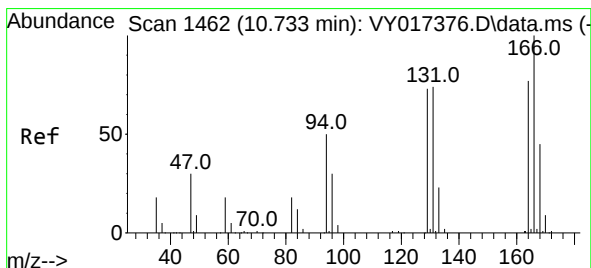
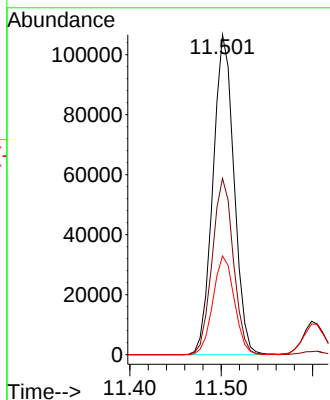
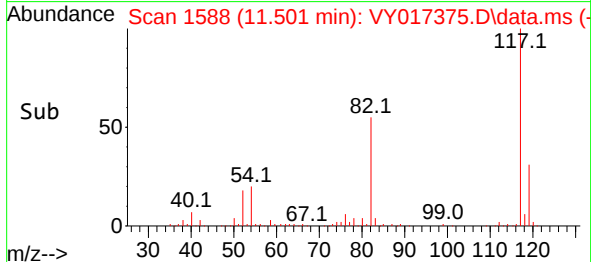
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 170854
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 30.9 26.5 39.7

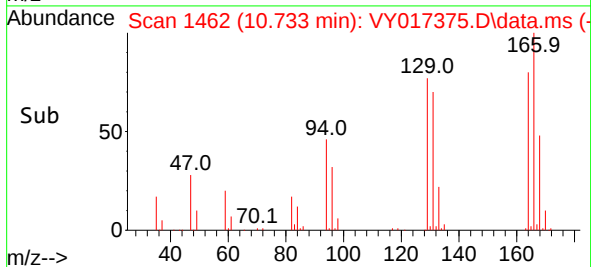
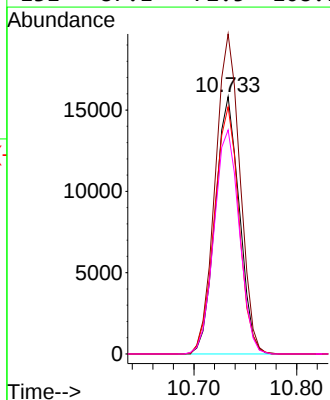
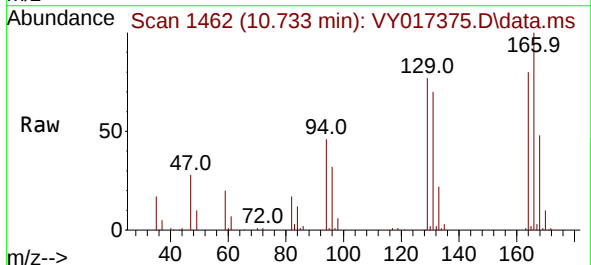
Manual Integrations
APPROVED

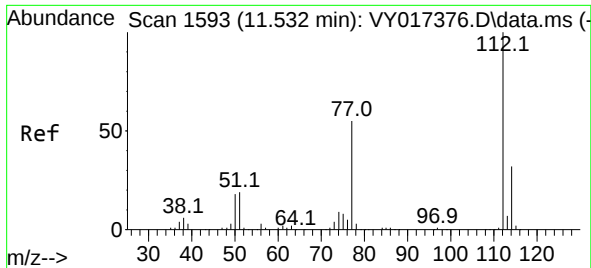
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#64
Tetrachloroethene
Concen: 20.400 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

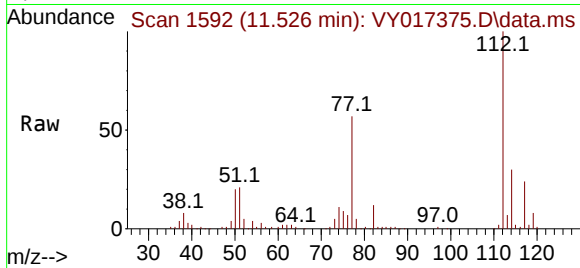
Tgt Ion:164 Resp: 25769
Ion Ratio Lower Upper
164 100
166 124.3 98.8 148.2
129 96.0 78.9 118.3
131 87.1 72.5 108.7





#65
Chlorobenzene
Concen: 19.871 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

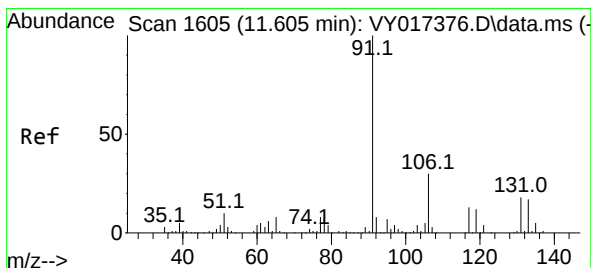
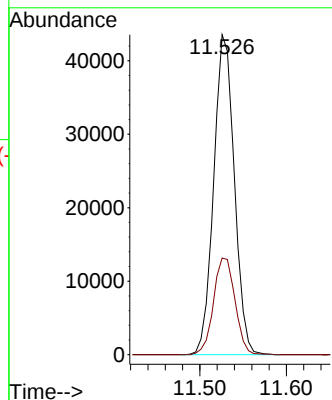
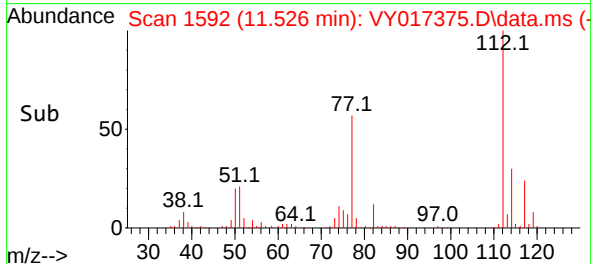
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 7197
Ion Ratio Lower Upper
112 100
114 30.2 26.1 39.1

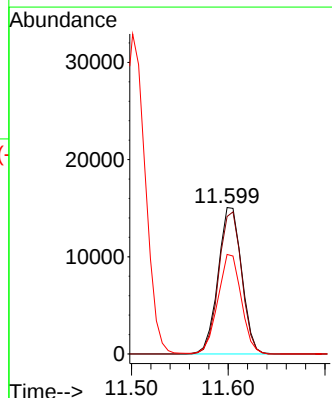
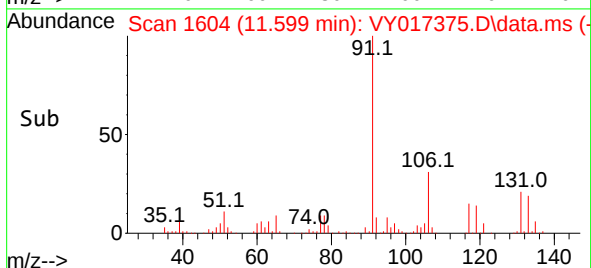
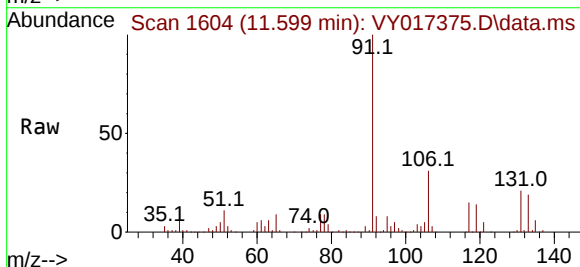
Manual Integrations
APPROVED

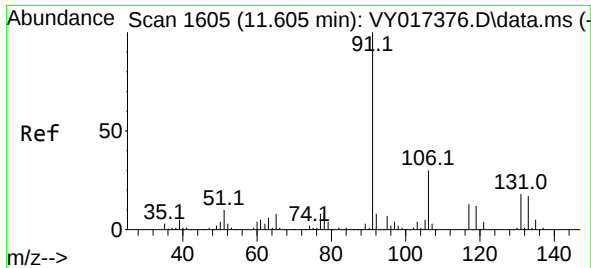
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.572 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion:131 Resp: 25501
Ion Ratio Lower Upper
131 100
133 94.7 47.0 141.0
119 67.4 33.3 99.9





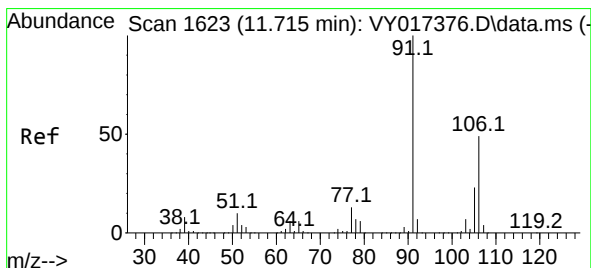
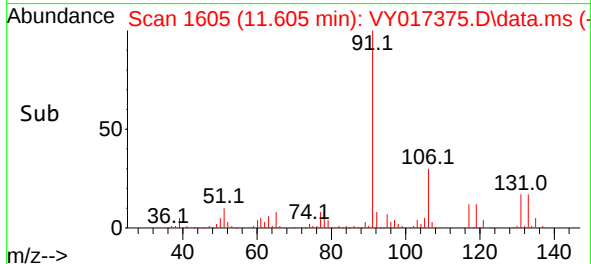
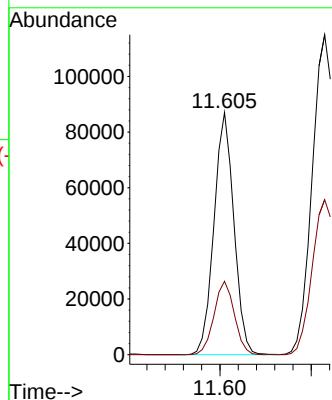
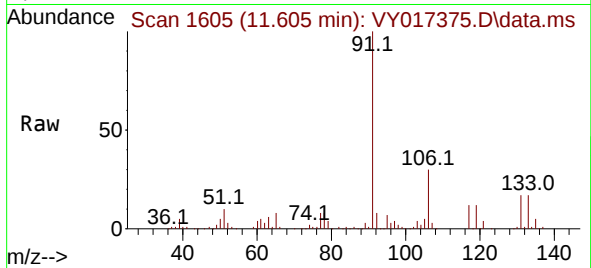
#67
Ethyl Benzene
Concen: 19.719 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 13156
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4

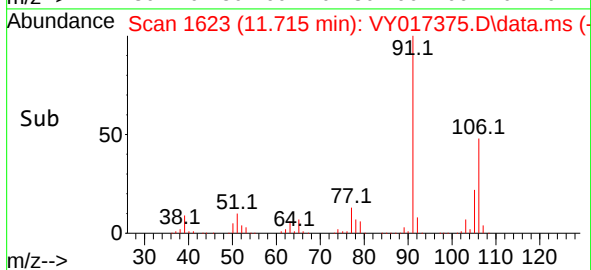
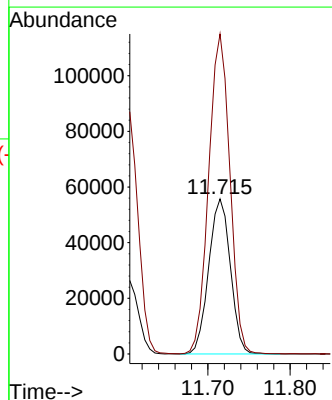
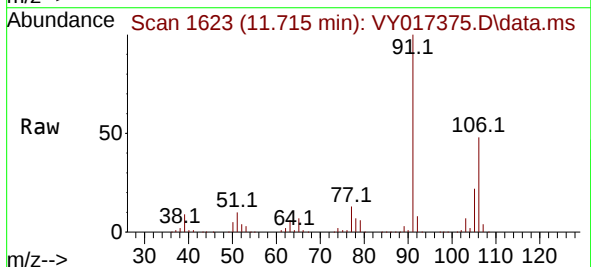
Manual Integrations
APPROVED

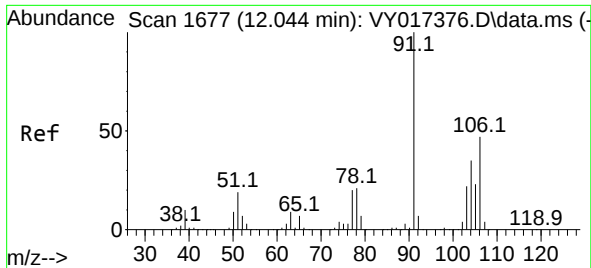
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#68
m/p-Xylenes
Concen: 40.501 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion:106 Resp: 101886
Ion Ratio Lower Upper
106 100
91 202.3 160.7 241.1





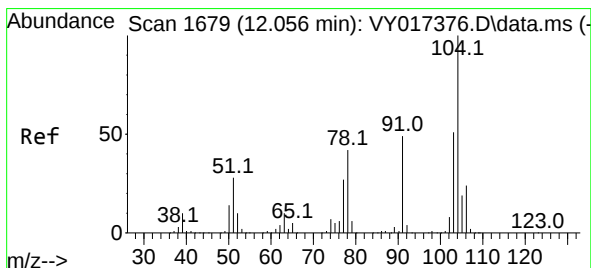
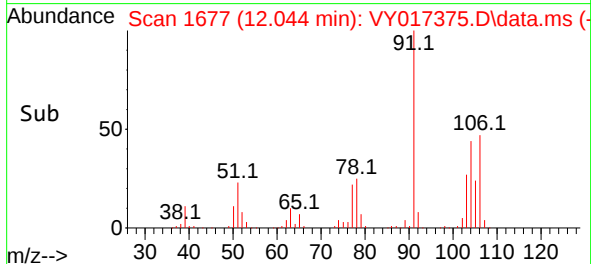
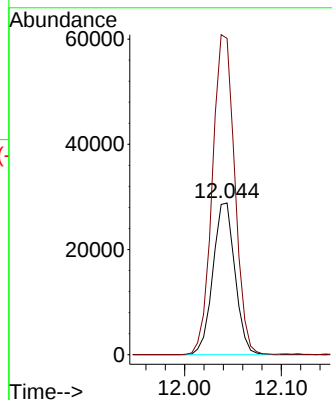
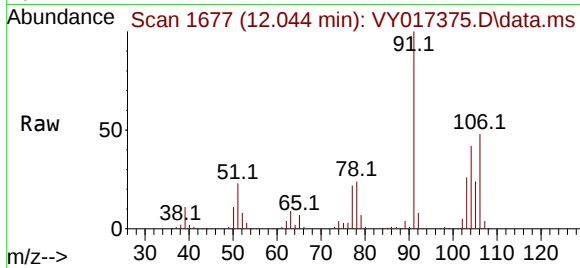
#69
o-Xylene
Concen: 20.091 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 4572
Ion Ratio Lower Upper
106 100
91 214.1 106.5 319.5

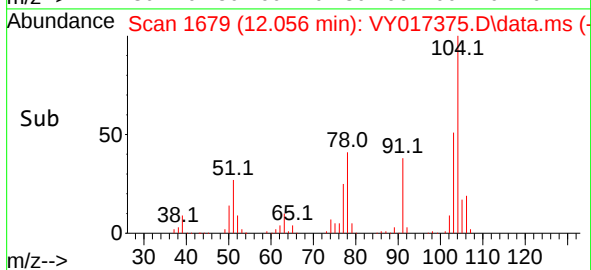
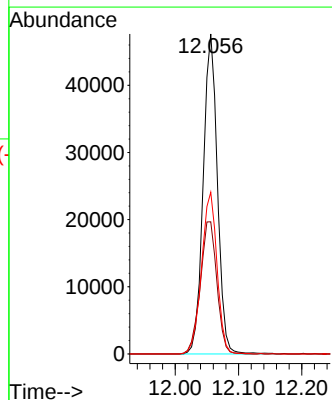
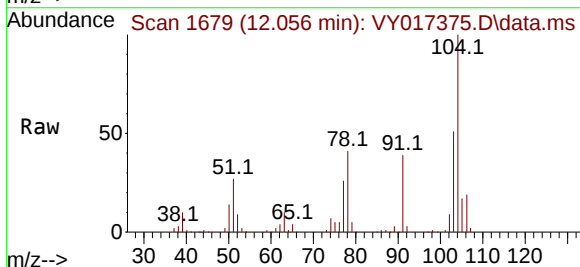
Manual Integrations
APPROVED

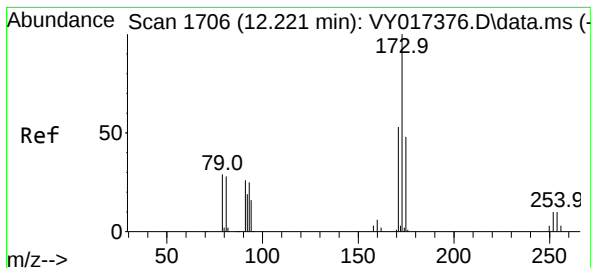
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#70
Styrene
Concen: 21.385 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion:104 Resp: 74662
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 54.8 43.8 65.6





#71

Bromoform

Concen: 19.188 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

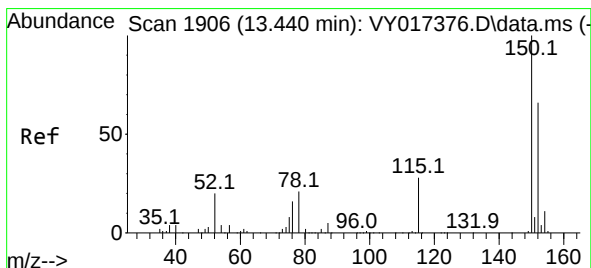
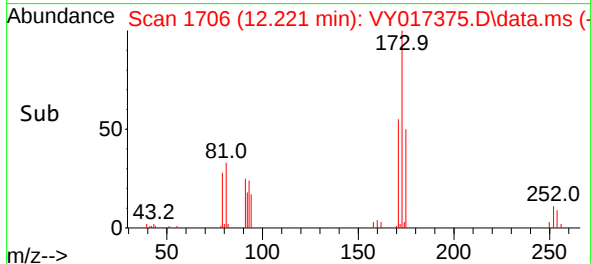
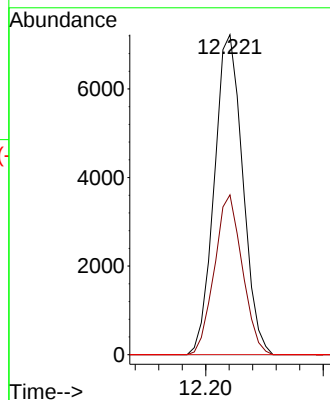
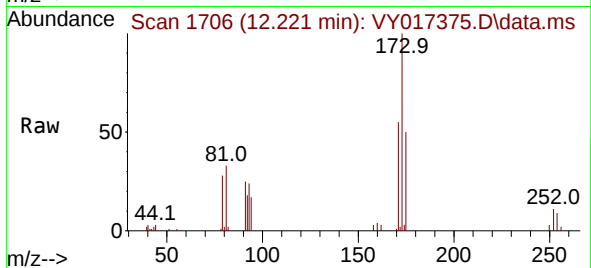
VSTDICC020

Tgt Ion:	173	Resp:	1212
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

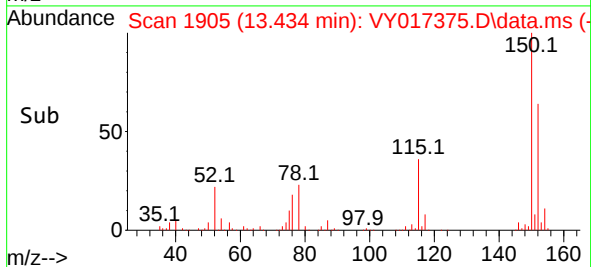
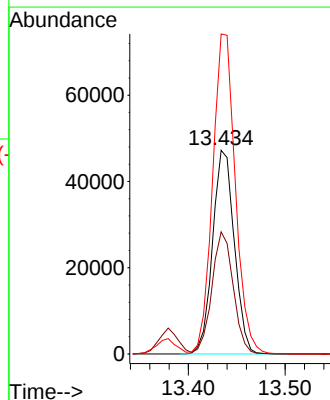
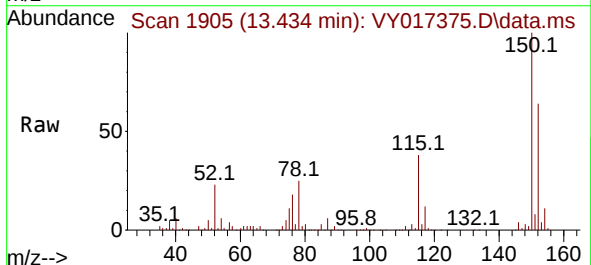
RT: 13.434 min Scan# 1905

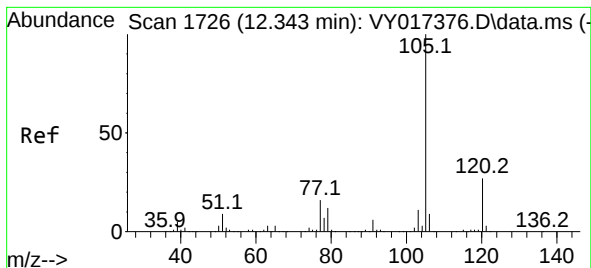
Delta R.T. -0.006 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion:	152	Resp:	73628
Ion Ratio	Lower	Upper	
152	100		
115	58.8	30.0	90.0
150	164.4	0.0	344.6





#73

Isopropylbenzene

Concen: 20.273 ug/l

RT: 12.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 12439

Ion Ratio Lower Upper

105 100

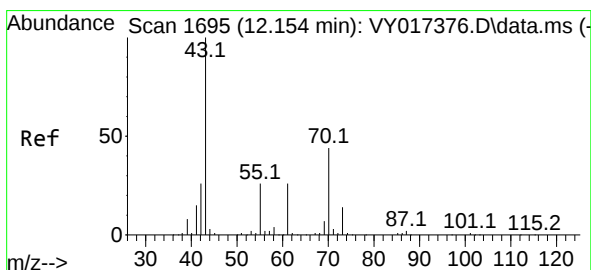
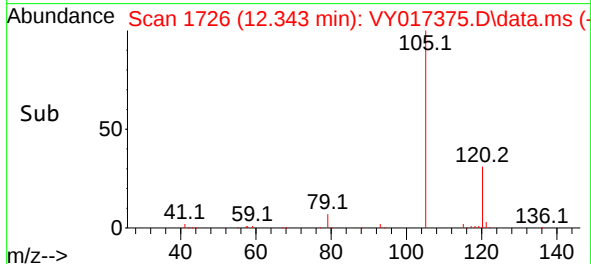
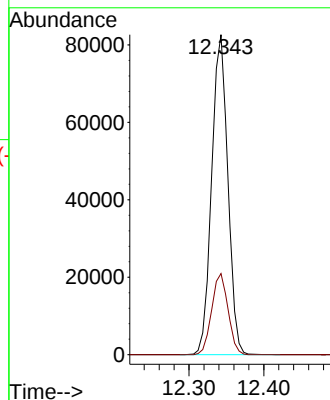
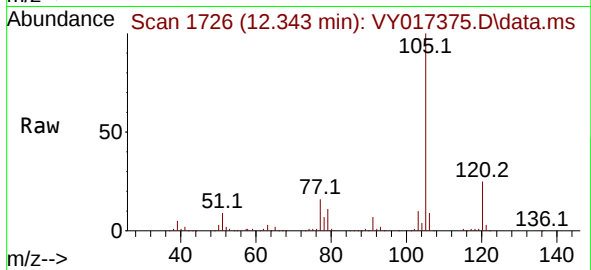
120 25.6 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#74

N-ethyl acetate

Concen: 19.225 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion: 43 Resp: 23323

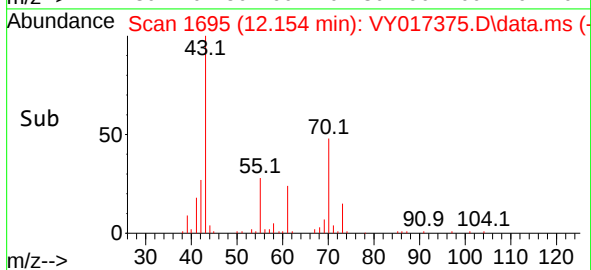
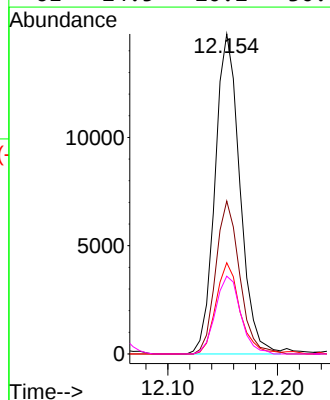
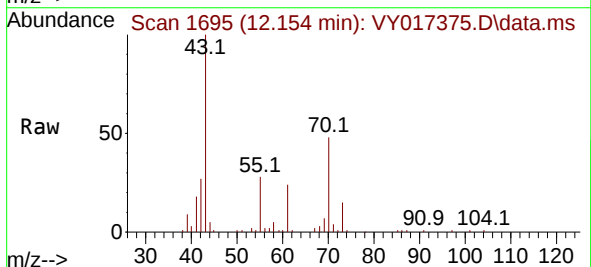
Ion Ratio Lower Upper

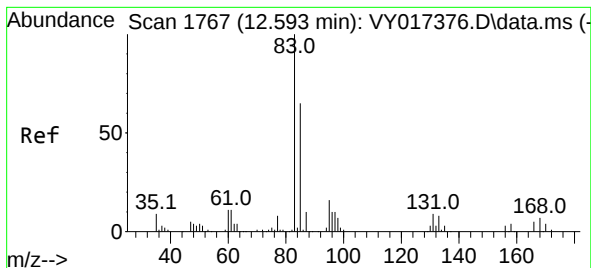
43 100

70 46.0 36.6 55.0

55 27.5 22.2 33.4

61 24.5 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.403 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

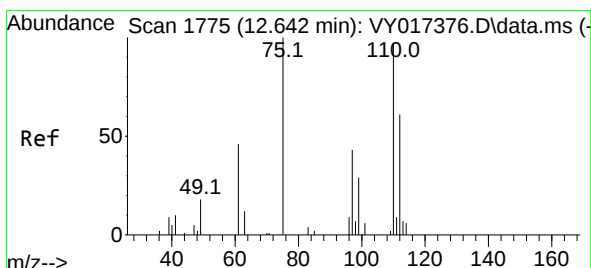
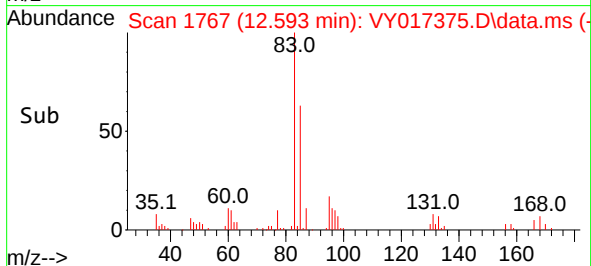
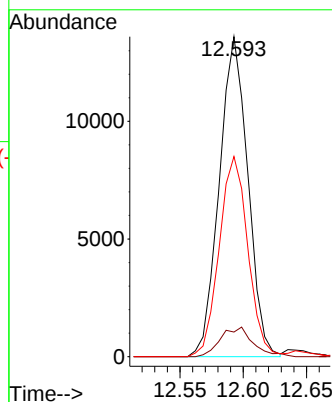
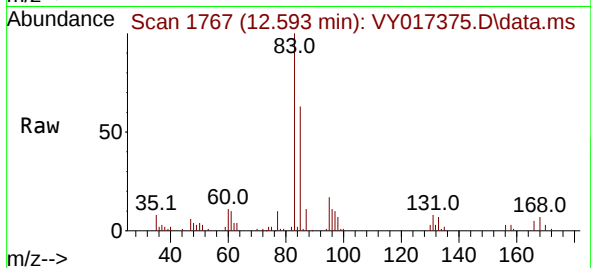
VSTDICC020

Tgt Ion:	83	Resp:	21330
Ion Ratio	Lower	Upper	
83	100		
131	10.5	4.9	14.6
85	62.7	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#76

1,2,3-Trichloropropane

Concen: 11.238 ug/l m

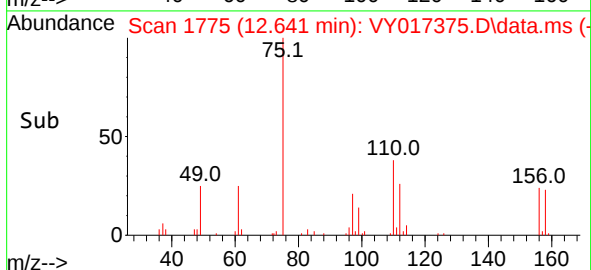
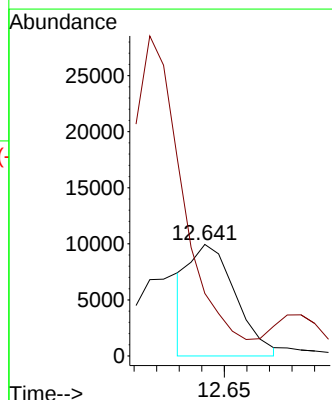
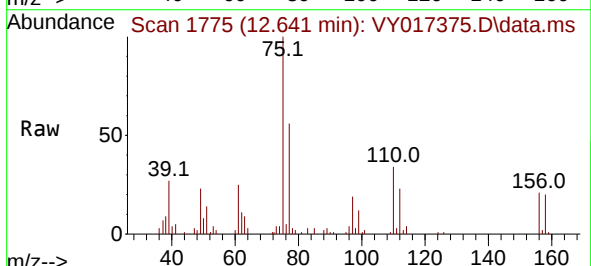
RT: 12.641 min Scan# 1775

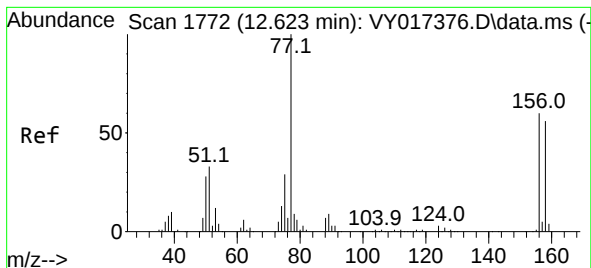
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion:	75	Resp:	14297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

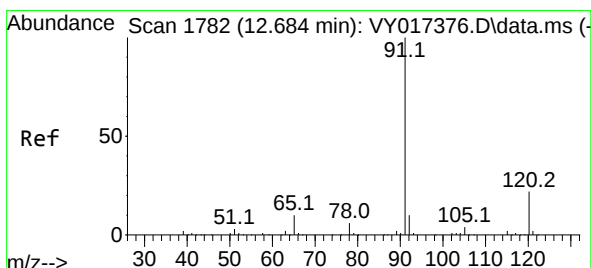
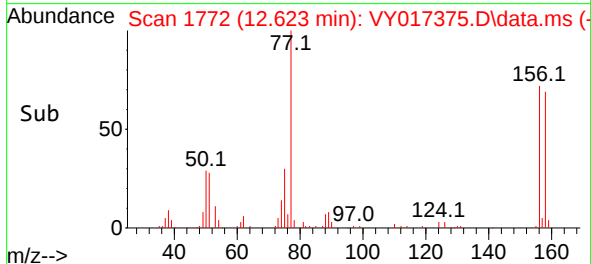
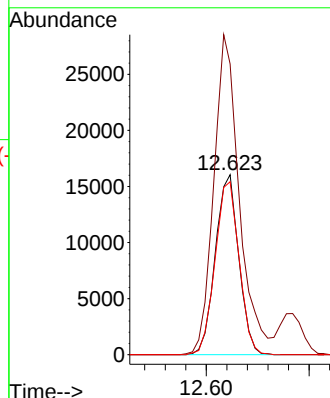
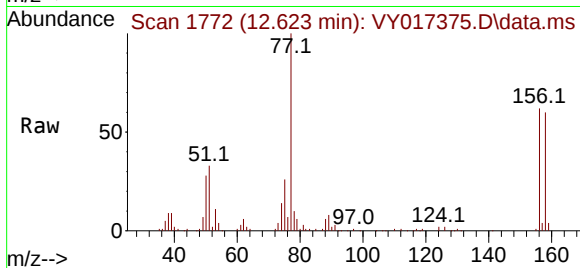
VSTDIC020

Tgt Ion:	156	Resp:	2536
Ion Ratio	Lower	Upper	
156	100		
77	192.7	97.3	291.8
158	98.4	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#78

n-propylbenzene

Concen: 20.243 ug/l

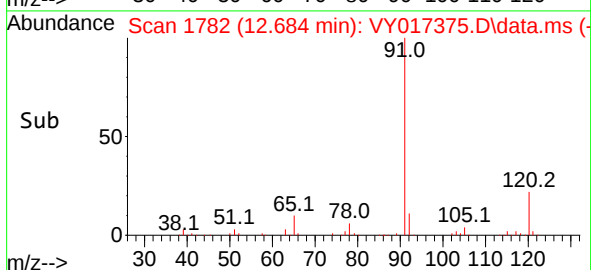
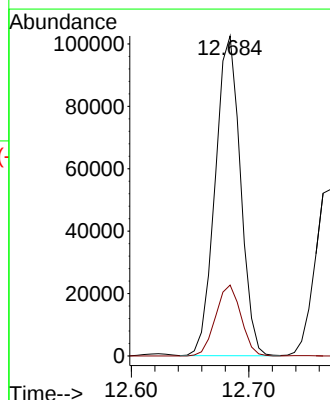
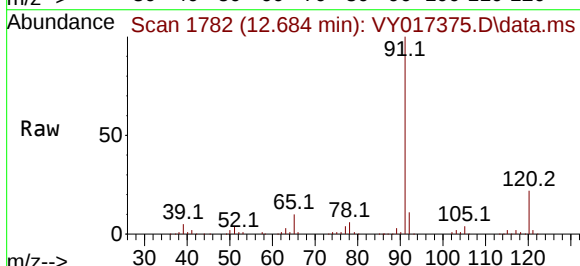
RT: 12.684 min Scan# 1782

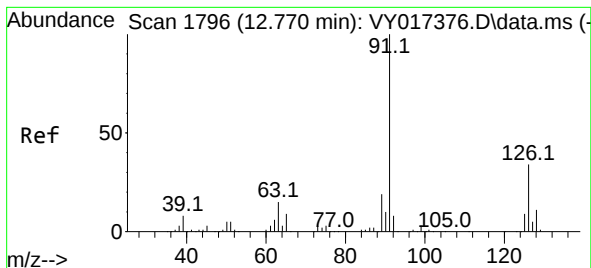
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion:	91	Resp:	152916
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





#79

2-Chlorotoluene

Concen: 20.386 ug/l

RT: 12.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 84034

Ion Ratio Lower Upper

91 100

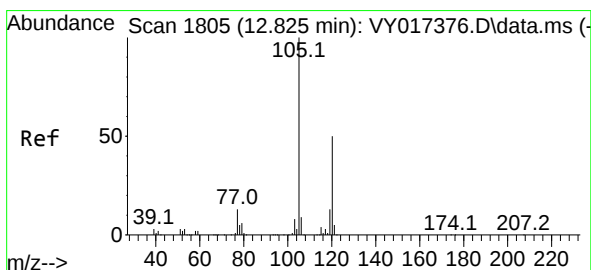
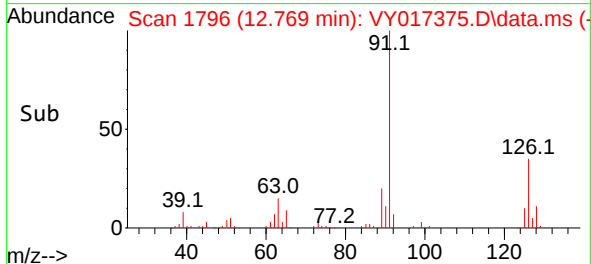
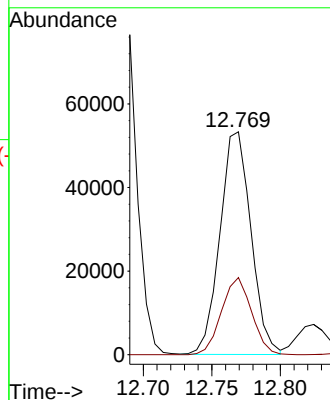
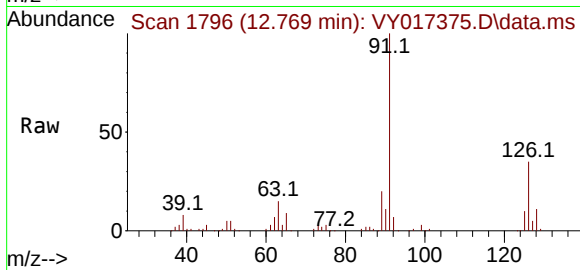
126 33.5 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024

Supervised By :Semsettin Yesilyurt 02/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.332 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY017375.D

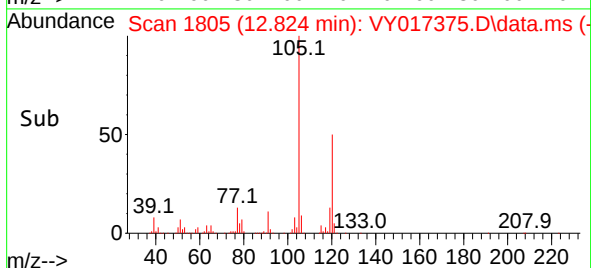
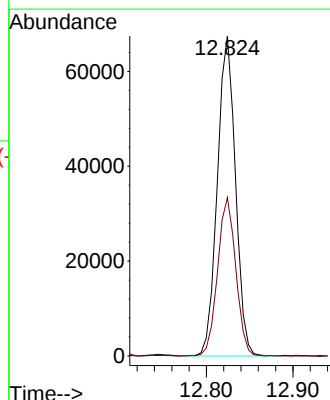
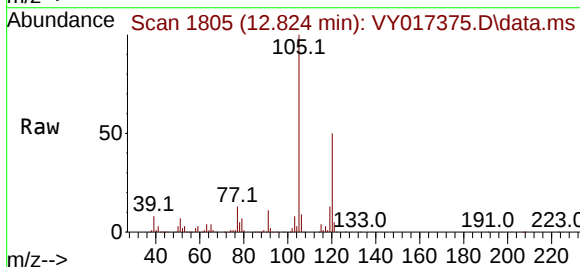
Acq: 14 Feb 2024 11:26

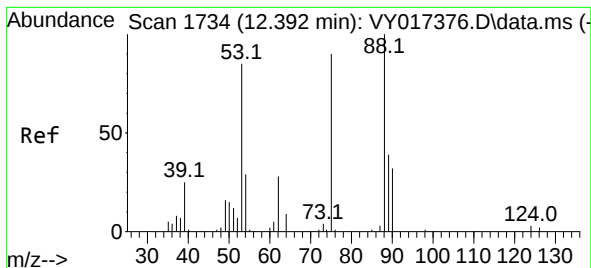
Tgt Ion:105 Resp: 98045

Ion Ratio Lower Upper

105 100

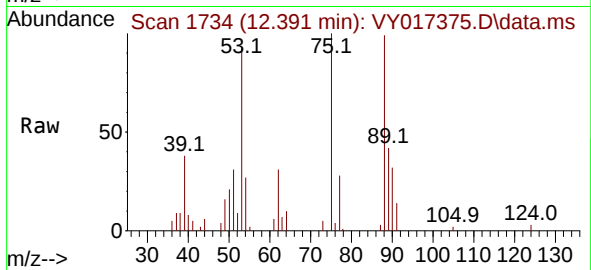
120 49.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.015 ug/l
RT: 12.391 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

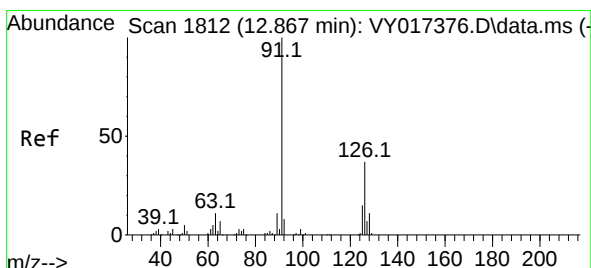
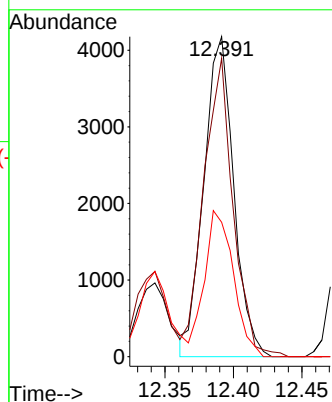
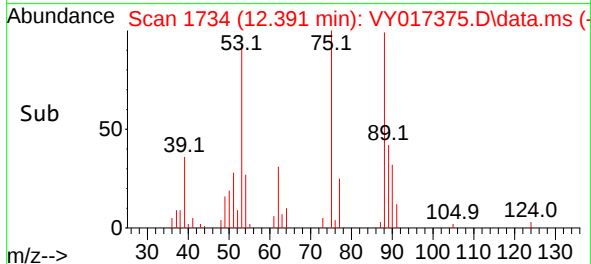
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 6319
Ion Ratio Lower Upper
75 100
53 92.0 74.0 111.0
89 44.3 36.5 54.7

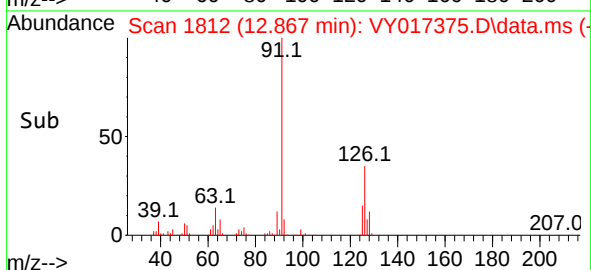
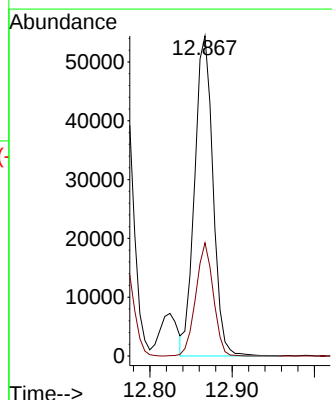
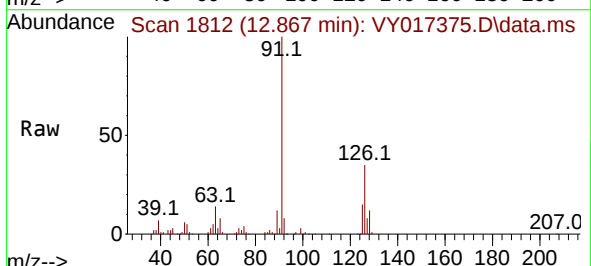
Manual Integrations
APPROVED

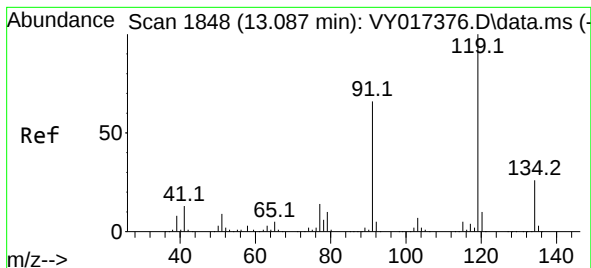
Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#82
4-Chlorotoluene
Concen: 19.912 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

Tgt Ion: 91 Resp: 84498
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.267 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

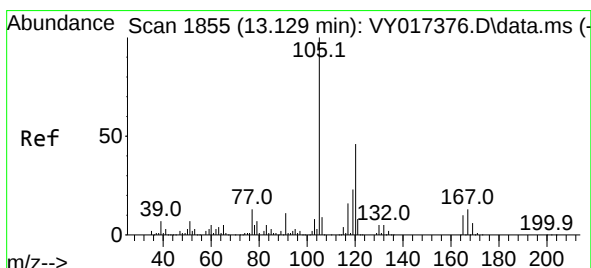
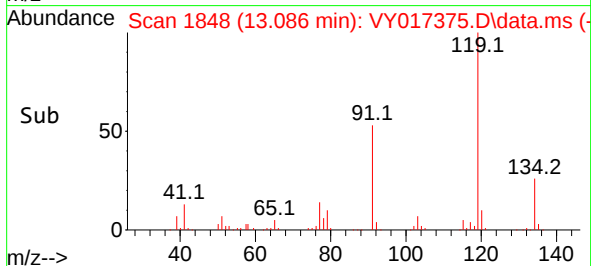
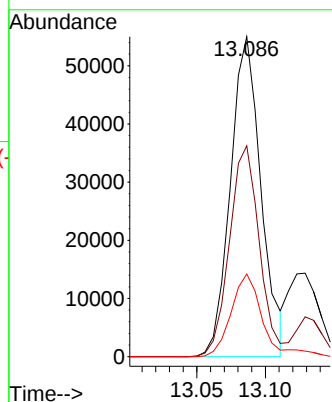
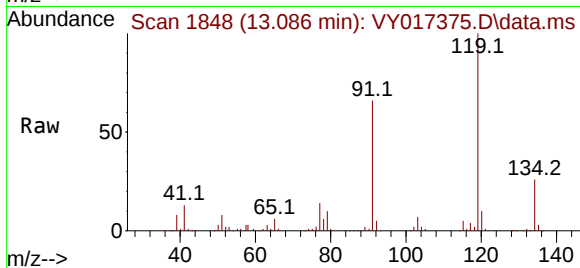
VSTDIC020

Tgt Ion:	119	Resp:	85349
Ion Ratio	Lower	Upper	
119	100		
91	64.0	31.5	94.5
134	26.5	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.119 ug/l

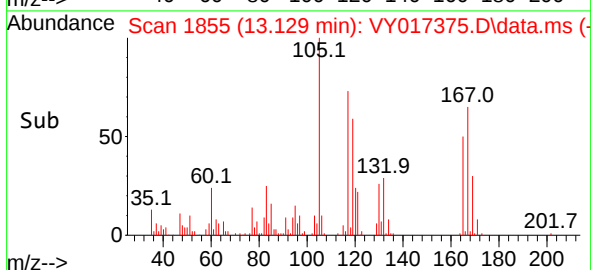
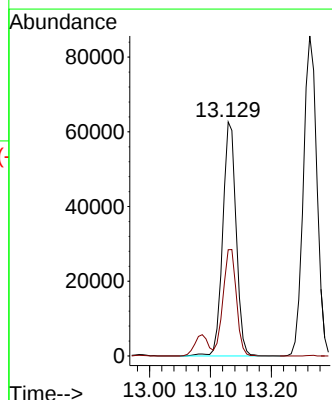
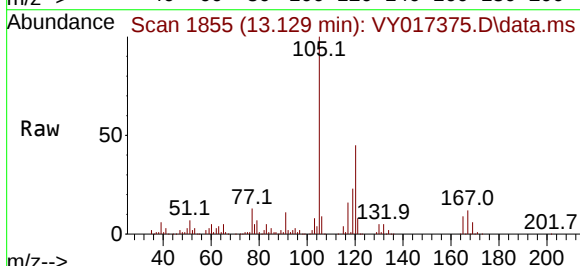
RT: 13.129 min Scan# 1855

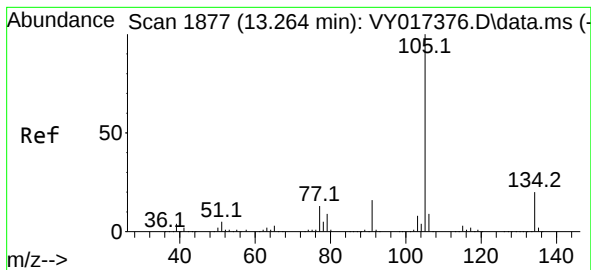
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion:	105	Resp:	95769
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.1	66.3





#85

sec-Butylbenzene

Concen: 20.522 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 131869

Ion Ratio Lower Upper

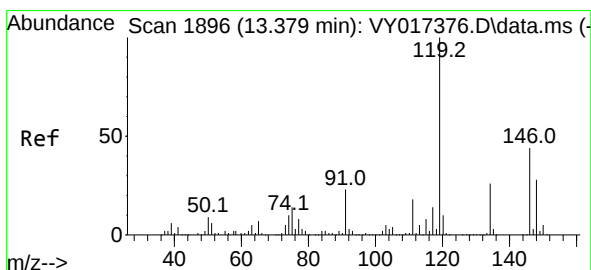
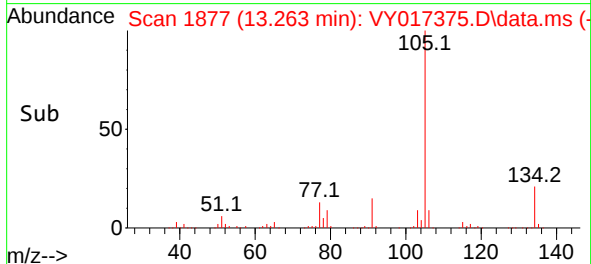
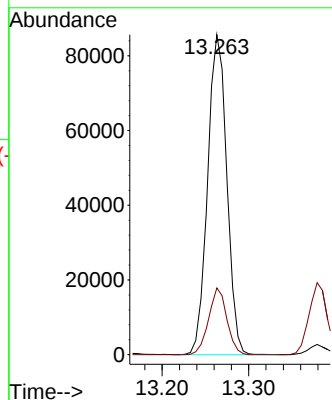
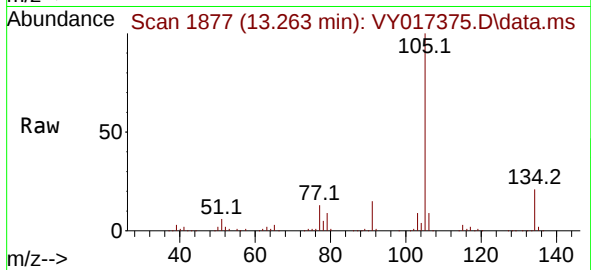
105 100

134 19.8 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#86

p-Isopropyltoluene

Concen: 20.024 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

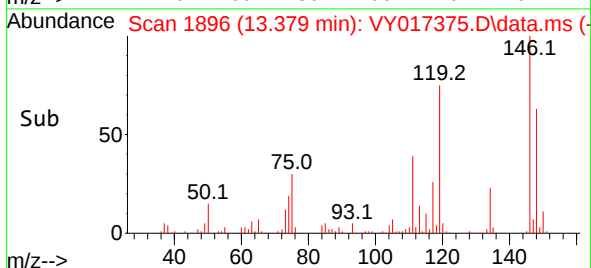
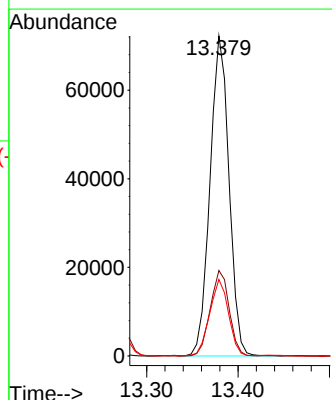
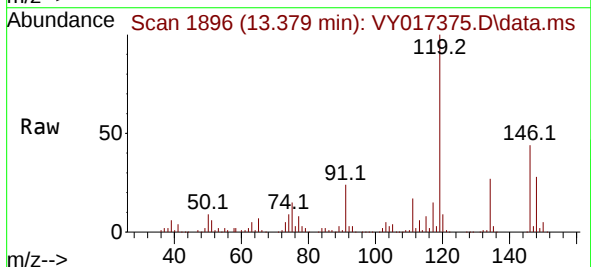
Tgt Ion:119 Resp: 104124

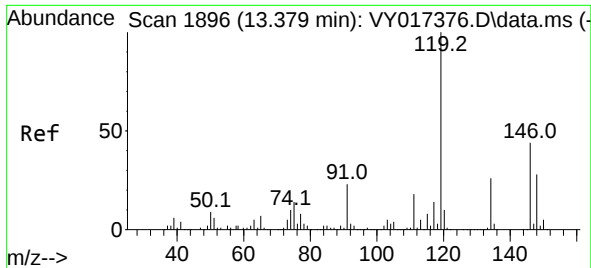
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 23.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.545 ug/l

RT: 13.373 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

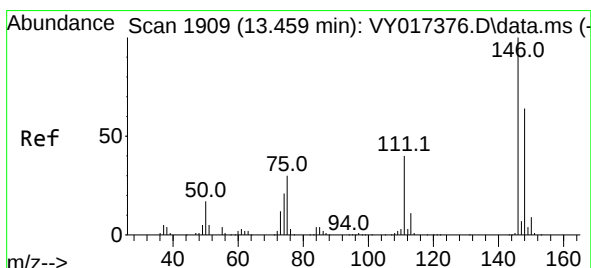
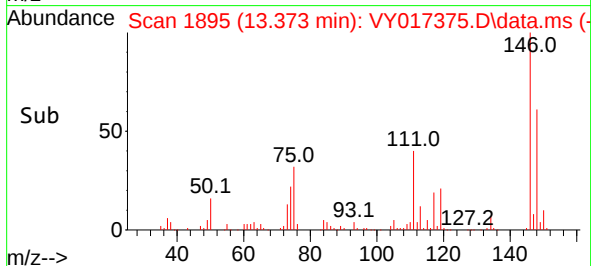
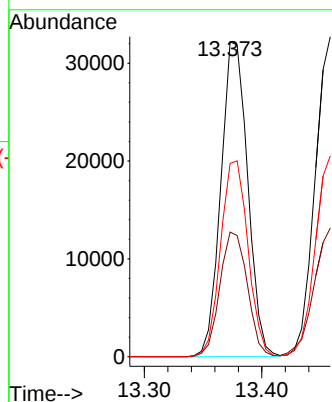
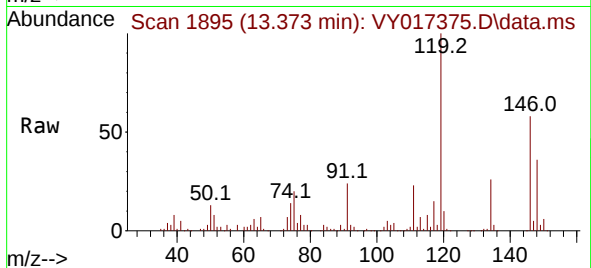
Tgt Ion:146 Resp: 5111

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	63.6	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#88

1,4-Dichlorobenzene

Concen: 19.787 ug/l

RT: 13.458 min Scan# 1909

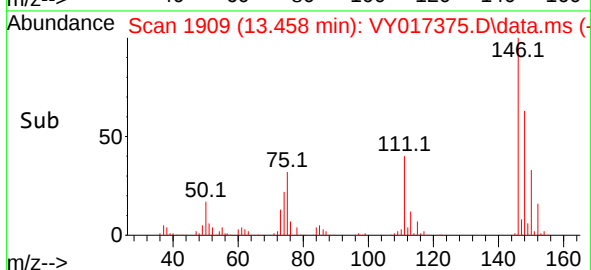
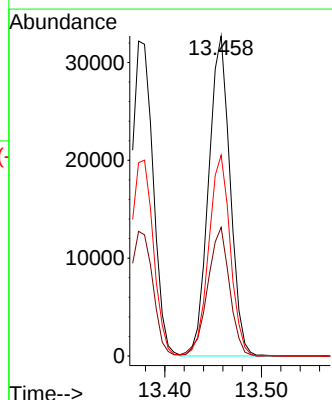
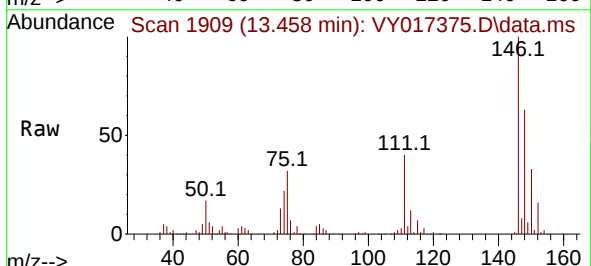
Delta R.T. -0.000 min

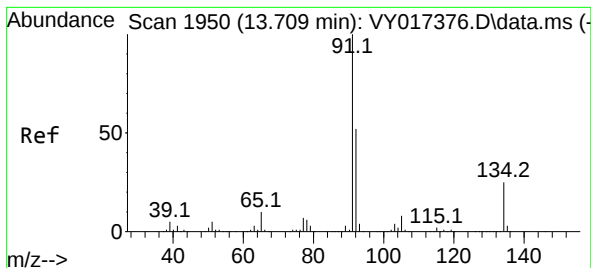
Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion:146 Resp: 50338

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.3	57.9
148	63.0	31.6	94.7





#89

n-Butylbenzene

Concen: 19.571 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

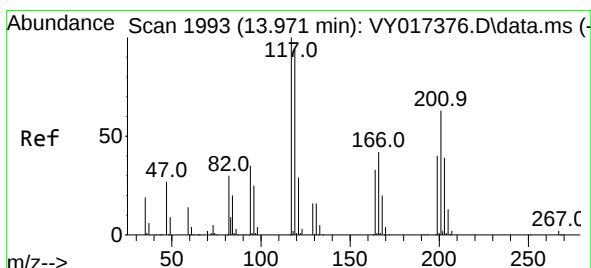
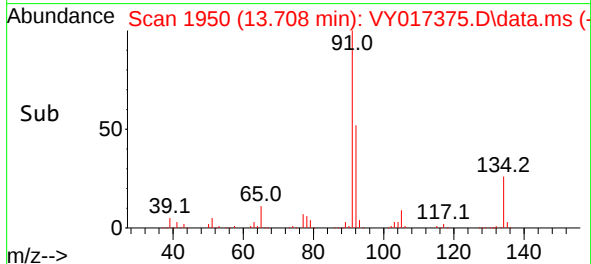
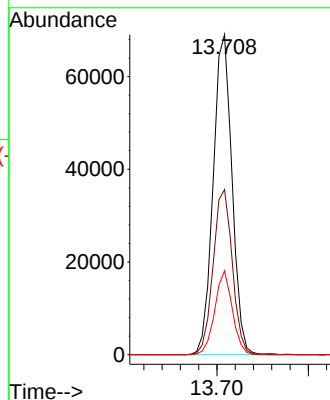
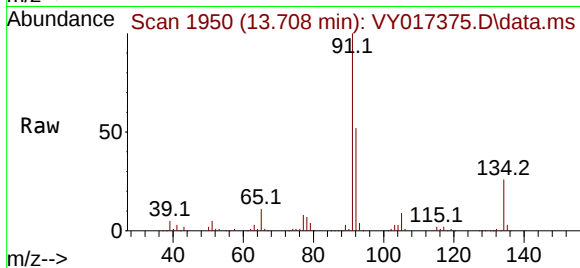
VSTDICC020

Tgt Ion: 91	Resp: 9885
Ion Ratio	Lower Upper
91	100
92	52.5 26.4 79.2
134	24.4 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#90

Hexachloroethane

Concen: 19.556 ug/l

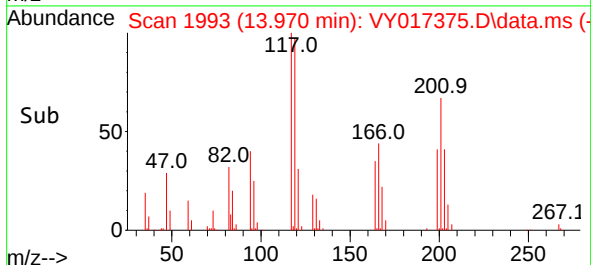
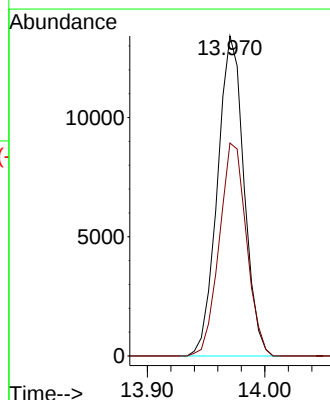
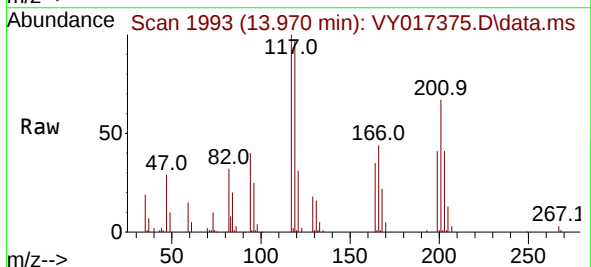
RT: 13.970 min Scan# 1993

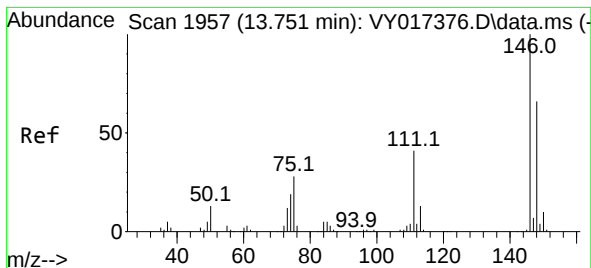
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion:117	Resp: 21078
Ion Ratio	Lower Upper
117	100
201	68.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.140 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

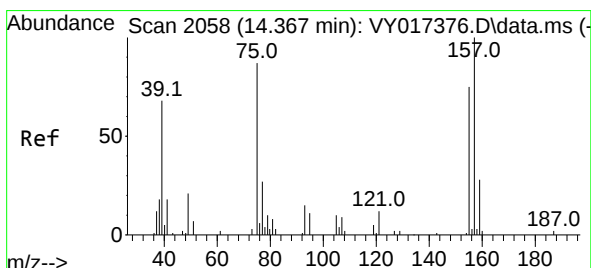
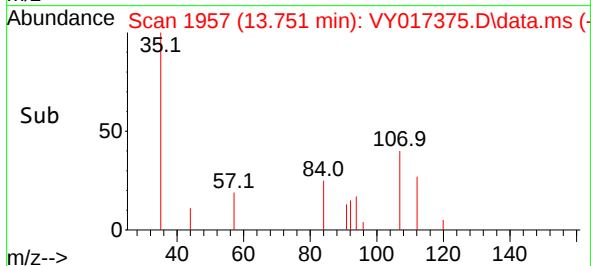
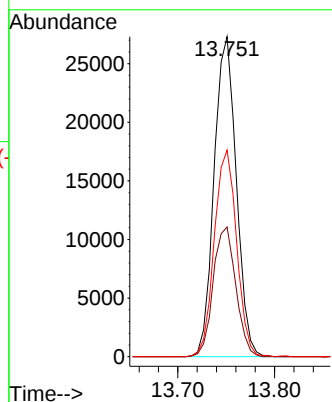
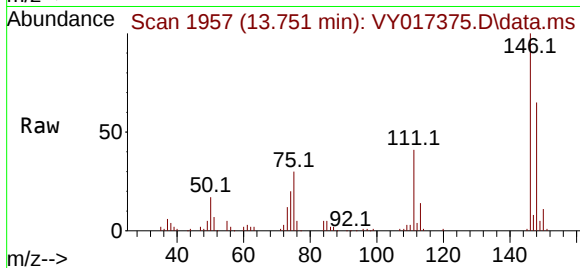
Tgt Ion:146 Resp: 4340

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.6
148	65.0	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.465 ug/l

RT: 14.373 min Scan# 2059

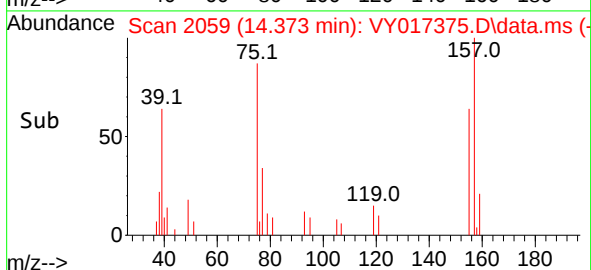
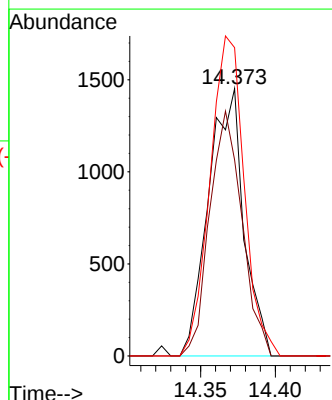
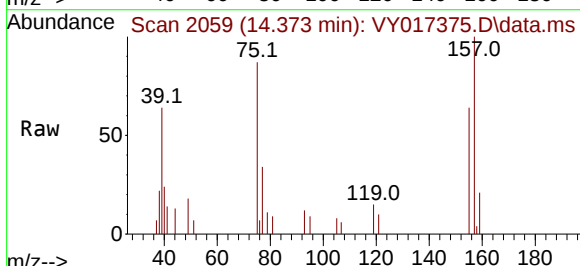
Delta R.T. 0.006 min

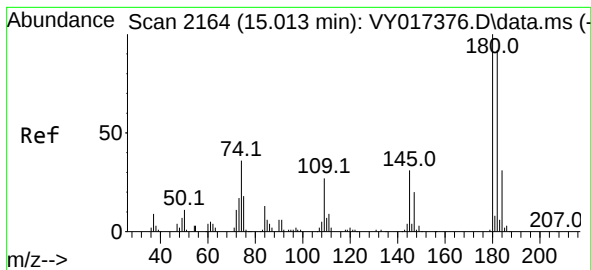
Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Tgt Ion: 75 Resp: 2385

Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.1	126.3
157	115.8	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.154 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

Instrument :

MSVOA_Y

ClientSampleId :

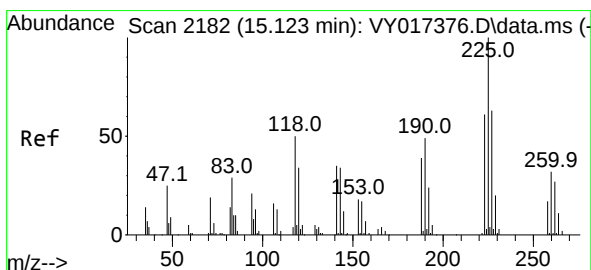
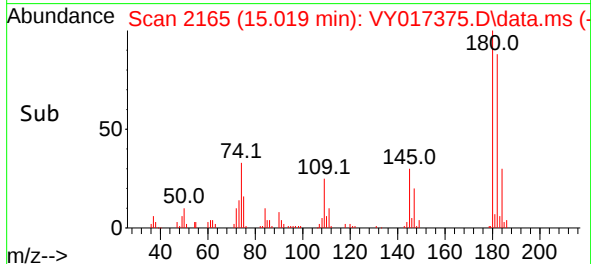
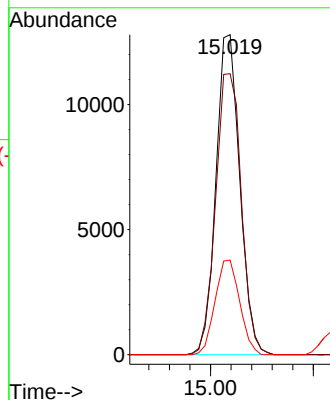
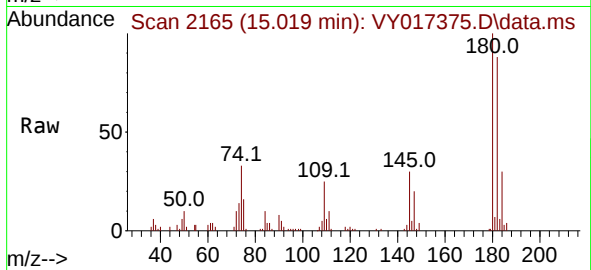
VSTDIC020

Tgt Ion:180	Resp:	20590
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.9 143.7
145	30.4	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#94

Hexachlorobutadiene

Concen: 19.943 ug/l

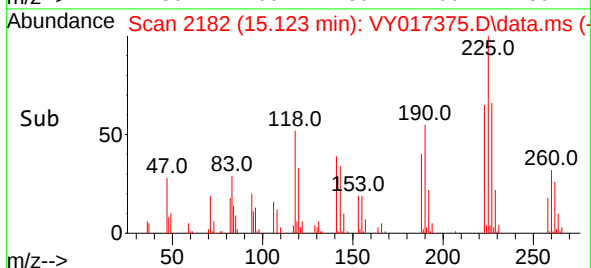
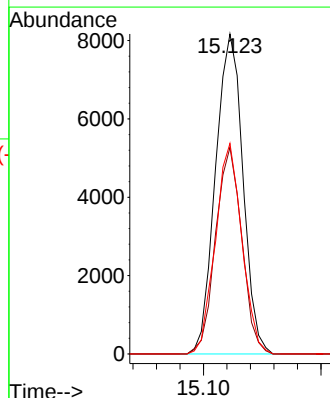
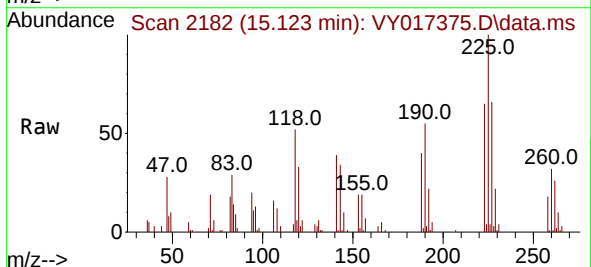
RT: 15.123 min Scan# 2182

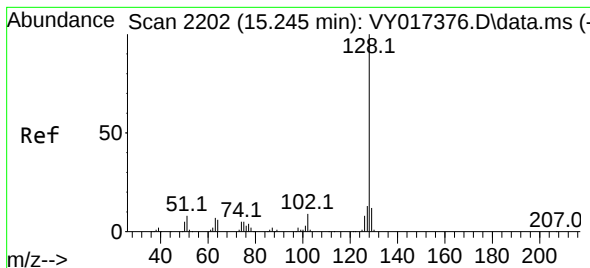
Delta R.T. -0.000 min

Lab File: VY017375.D

Acq: 14 Feb 2024 11:26

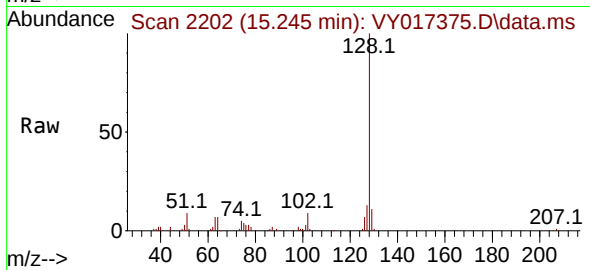
Tgt Ion:225	Resp:	13236
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.4 94.3
227	63.5	32.3 96.8





#95
Naphthalene
Concen: 17.794 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26

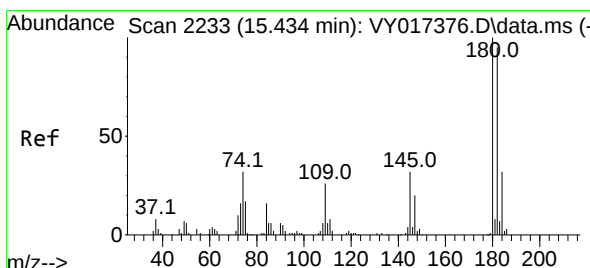
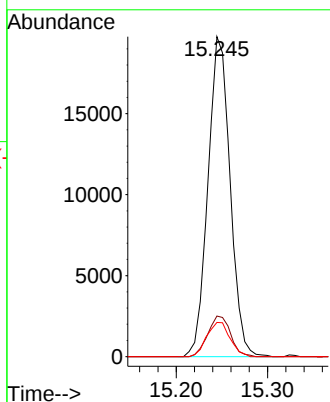
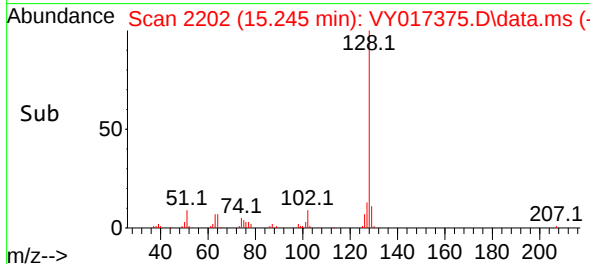
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



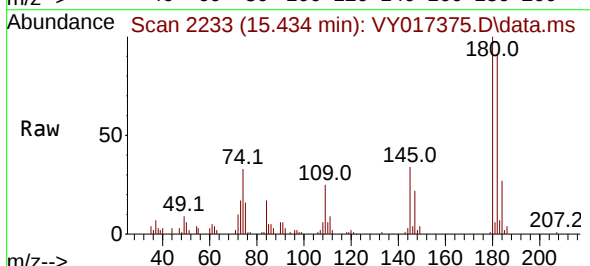
Tgt Ion:128 Resp: 3329
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
Supervised By :Semsettin Yesilyurt 02/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.710 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY017375.D
Acq: 14 Feb 2024 11:26



Tgt Ion:180 Resp: 16879
Ion Ratio Lower Upper
180 100
182 96.5 46.3 138.8
145 33.3 16.1 48.2

