

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017409.D
 Acq On : 19 Feb 2024 17:26
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 20 06:06:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 05:58:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	164421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	105903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29757	21.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.360%#		
35) Dibromofluoromethane	7.722	113	31904	20.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.720%#		
50) Toluene-d8	10.185	98	123694	20.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.700%#		
62) 4-Bromofluorobenzene	12.489	95	37129	19.410	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27425	20.917	ug/l	97
3) Chloromethane	2.119	50	54939	20.532	ug/l	99
4) Vinyl Chloride	2.253	62	71645	20.565	ug/l	98
5) Bromomethane	2.650	94	59152	21.318	ug/l	99
6) Chloroethane	2.796	64	45307	20.415	ug/l	98
7) Trichlorofluoromethane	3.131	101	61190	20.480	ug/l	94
8) Diethyl Ether	3.534	74	17333	20.525	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	35438	20.521	ug/l	98
10) Methyl Iodide	4.101	142	36449	19.833	ug/l	99
11) Tert butyl alcohol	4.972	59	11349	103.913	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	33719	20.773	ug/l	98
13) Acrolein	3.735	56	16657	113.970	ug/l	97
14) Allyl chloride	4.491	41	40101	20.382	ug/l	99
15) Acrylonitrile	5.173	53	34885	103.906	ug/l	100
16) Acetone	3.960	43	31613	103.921	ug/l	92
17) Carbon Disulfide	4.204	76	106926	20.735	ug/l	97
18) Methyl Acetate	4.485	43	13589	19.700	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	73850	20.142	ug/l	97
20) Methylene Chloride	4.722	84	45298	20.681	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	38596	20.558	ug/l	97
22) Diisopropyl ether	6.131	45	93090	20.572	ug/l	98
23) Vinyl Acetate	6.070	43	276846	102.944	ug/l	99
24) 1,1-Dichloroethane	6.027	63	61554	20.064	ug/l	100
25) 2-Butanone	6.996	43	44121	103.326	ug/l	98
26) 2,2-Dichloropropane	6.990	77	53057	20.099	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	41791	20.041	ug/l	99
28) Bromochloromethane	7.344	49	20671	17.958	ug/l	97
29) Tetrahydrofuran	7.356	42	26556	105.793	ug/l	97
30) Chloroform	7.515	83	66170	20.432	ug/l	98
31) Cyclohexane	7.795	56	56022	20.147	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	56946	19.908	ug/l	98
36) 1,1-Dichloropropene	7.929	75	51117	19.528	ug/l	99
37) Ethyl Acetate	7.088	43	18936	19.867	ug/l #	97
38) Carbon Tetrachloride	7.911	117	50332	19.313	ug/l	99
39) Methylcyclohexane	9.191	83	61857	19.305	ug/l	95
40) Benzene	8.167	78	151461	19.805	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	9917	21.305	ug/l	94
42) 1,2-Dichloroethane	8.246	62	36591	19.711	ug/l	98
43) Isopropyl Acetate	8.283	43	34620	20.100	ug/l	99
44) Trichloroethene	8.947	130	40601	19.586	ug/l	99
45) 1,2-Dichloropropane	9.222	63	35301	19.968	ug/l	97
46) Dibromomethane	9.313	93	19903	19.807	ug/l	99
47) Bromodichloromethane	9.502	83	48557	19.654	ug/l	94
48) Methyl methacrylate	9.301	41	16412	20.309	ug/l	99
49) 1,4-Dioxane	9.307	88	4328	411.817	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	92659	99.838	ug/l	99
52) Toluene	10.252	92	92683	19.412	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	44187	19.316	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	54701	19.490	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	27085	19.591	ug/l	98
56) Ethyl methacrylate	10.520	69	30357	19.818	ug/l	96
57) 1,3-Dichloropropane	10.794	76	45212	19.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	80493	97.440	ug/l	100
59) 2-Hexanone	10.837	43	64941	101.588	ug/l	98
60) Dibromochloromethane	10.996	129	31653	19.260	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25263	19.531	ug/l	100
64) Tetrachloroethene	10.727	164	35708	19.338	ug/l	98
65) Chlorobenzene	11.526	112	97434	19.602	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	35465	19.160	ug/l	98
67) Ethyl Benzene	11.599	91	171974	19.345	ug/l	99
68) m/p-Xylenes	11.709	106	134027	38.352	ug/l	99
69) o-Xylene	12.038	106	60740	18.946	ug/l	98
70) Styrene	12.050	104	101996	19.370	ug/l	98
71) Bromoform	12.215	173	18931	19.658	ug/l #	98
73) Isopropylbenzene	12.337	105	159456	19.493	ug/l	100
74) N-amyl acetate	12.148	43	28653	20.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	29156	19.942	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17912m	17.397	ug/l	
77) Bromobenzene	12.617	156	37411	19.500	ug/l	98
78) n-propylbenzene	12.678	91	197865	19.997	ug/l	99
79) 2-Chlorotoluene	12.764	91	108035	19.829	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	129358	19.770	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	8925	20.265	ug/l	99
82) 4-Chlorotoluene	12.861	91	109279	19.437	ug/l	98
83) tert-Butylbenzene	13.081	119	111970	19.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	127989	19.745	ug/l	100
85) sec-Butylbenzene	13.257	105	175639	20.014	ug/l	99
86) p-Isopropyltoluene	13.379	119	141632	19.595	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	74414	19.206	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	74446	19.900	ug/l	98
89) n-Butylbenzene	13.702	91	130545	19.858	ug/l	99
90) Hexachloroethane	13.965	117	28155	19.879	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	63712	19.536	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3751	20.298	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	33988	19.932	ug/l	98
94) Hexachlorobutadiene	15.117	225	21532	20.762	ug/l	99
95) Naphthalene	15.245	128	54615	19.563	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	28354	19.778	ug/l	98

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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

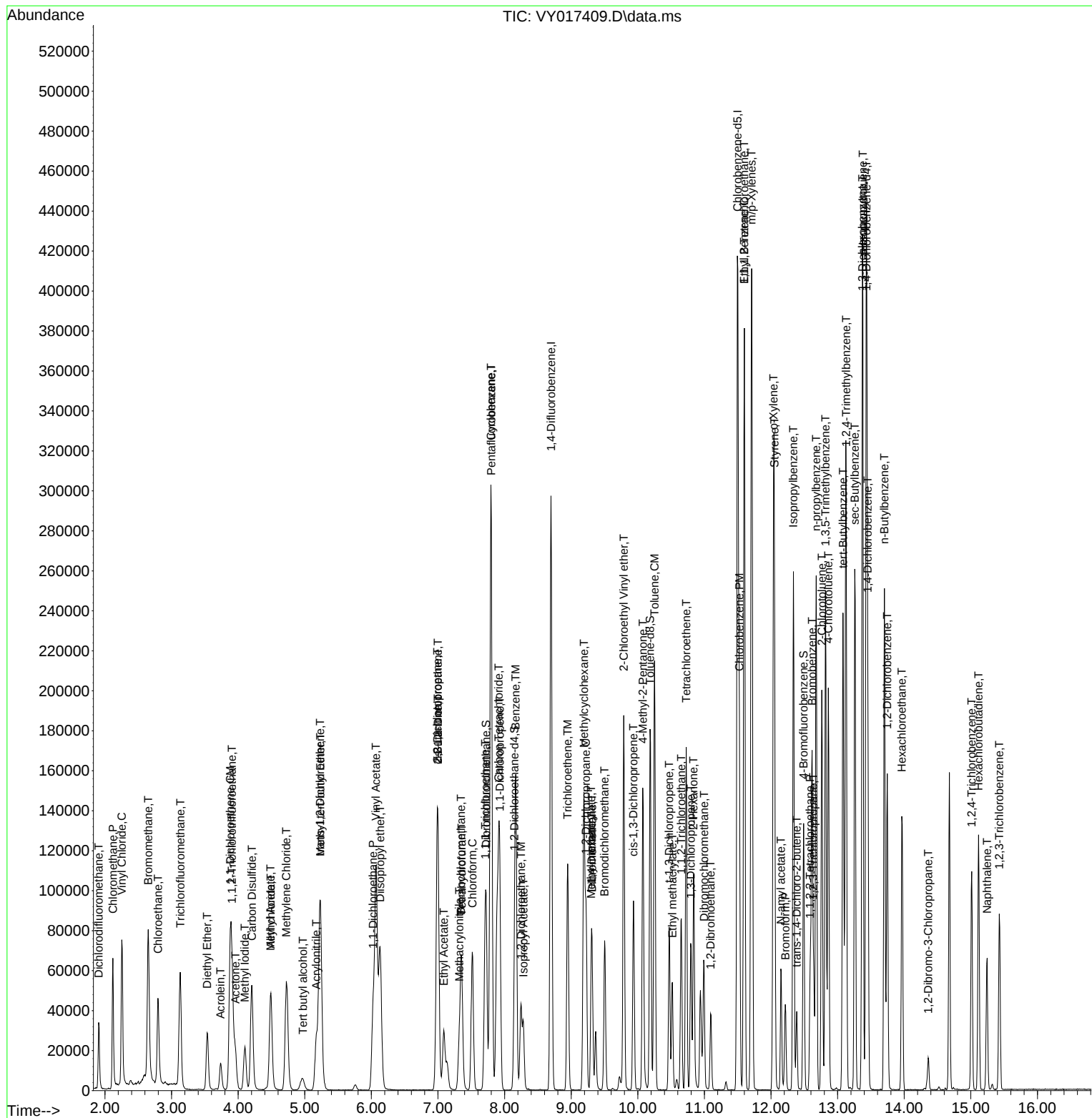
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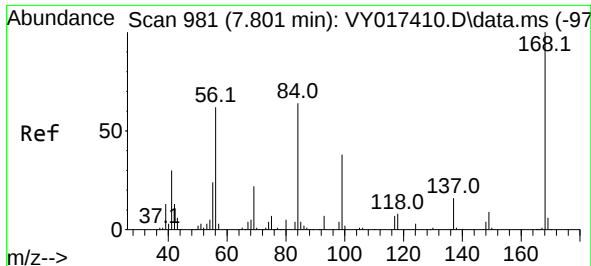
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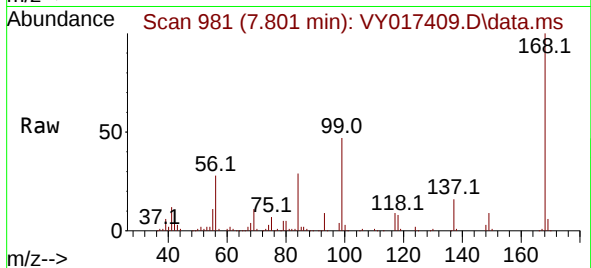
Reviewed By :Mahesh Dadoda 02/20/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017409.D
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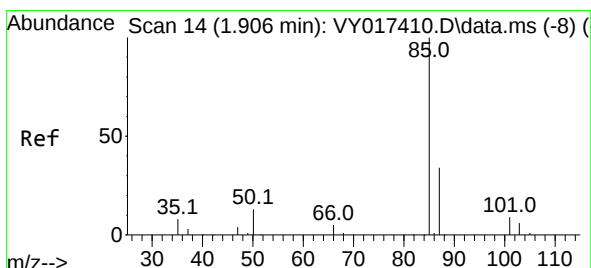
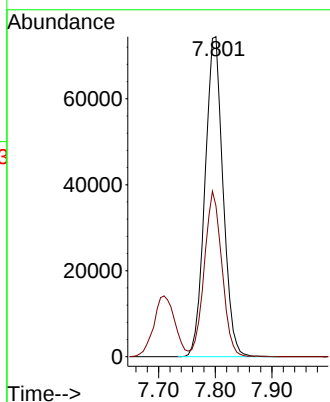
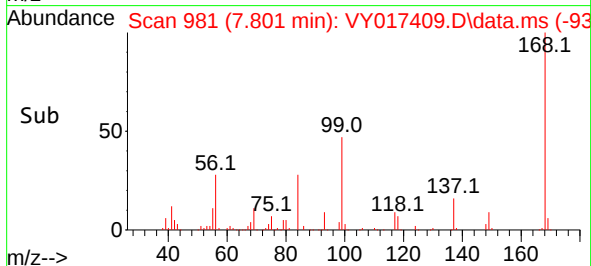
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MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 16442
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7

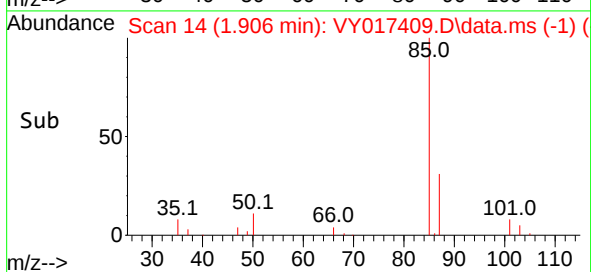
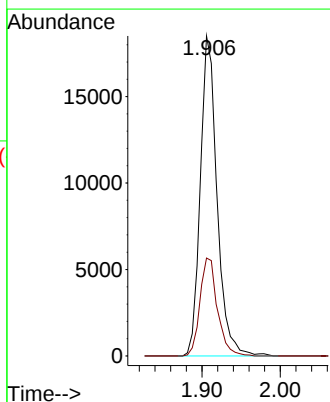
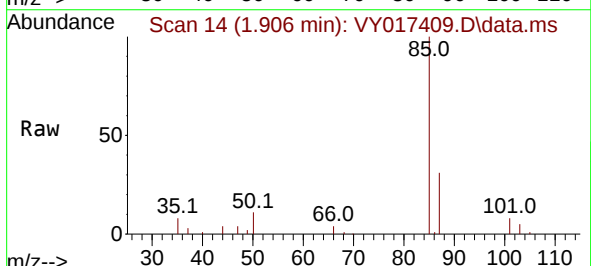
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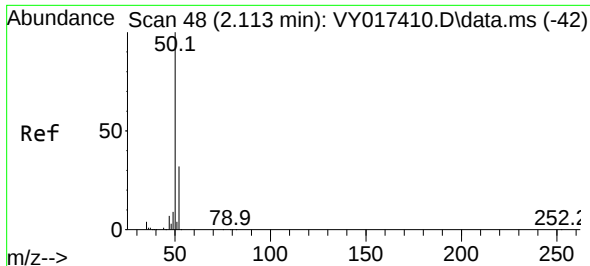
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#2
Dichlorodifluoromethane
Concen: 20.917 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

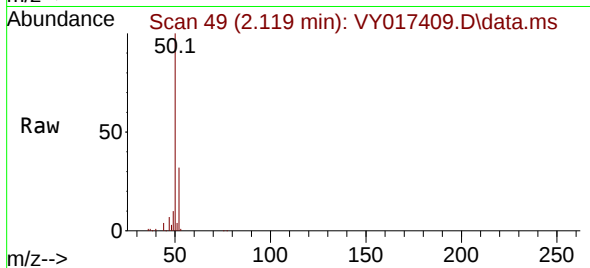
Tgt Ion: 85 Resp: 27425
Ion Ratio Lower Upper
85 100
87 30.6 16.0 48.0





#3
Chloromethane
Concen: 20.532 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

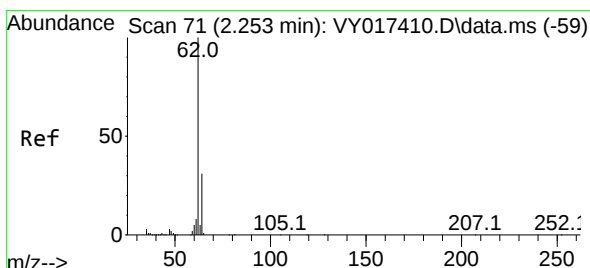
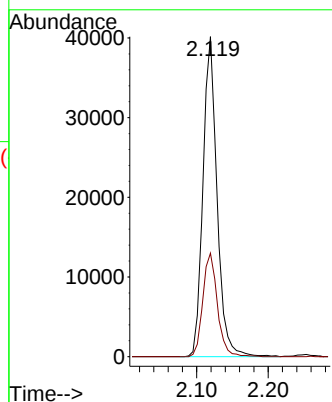
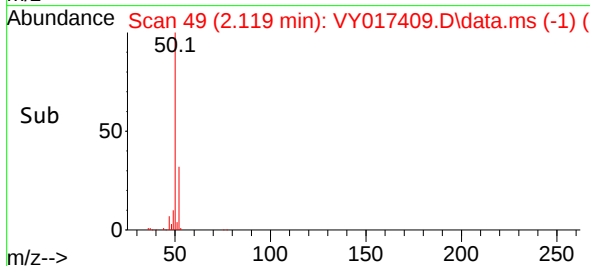
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Tgt Ion: 50 Resp: 54939
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4

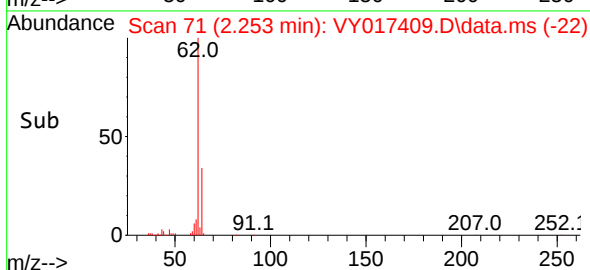
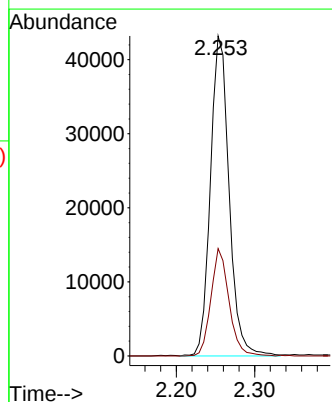
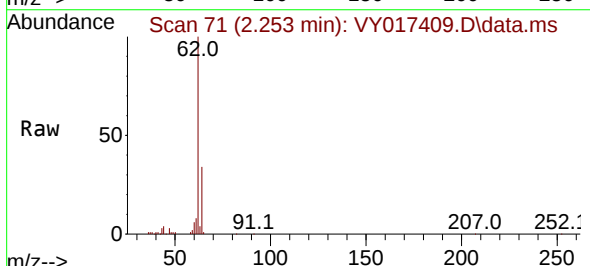
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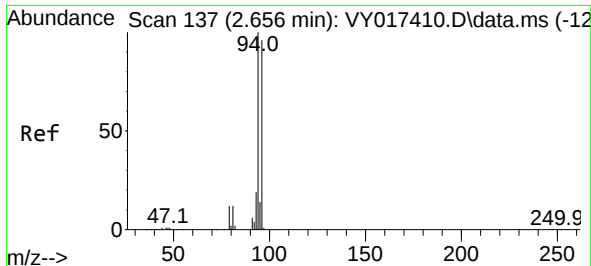
Reviewed By :Mahesh Dadoda 02/20/2024
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#4
Vinyl Chloride
Concen: 20.565 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

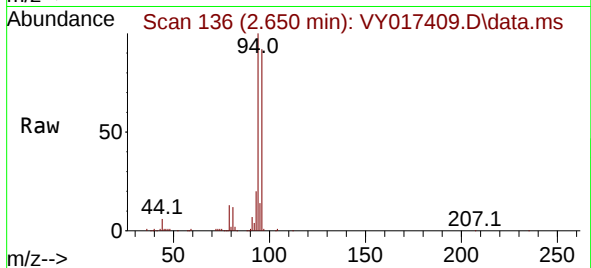
Tgt Ion: 62 Resp: 71645
Ion Ratio Lower Upper
62 100
64 33.5 26.1 39.1





#5
Bromomethane
Concen: 21.318 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017409.D
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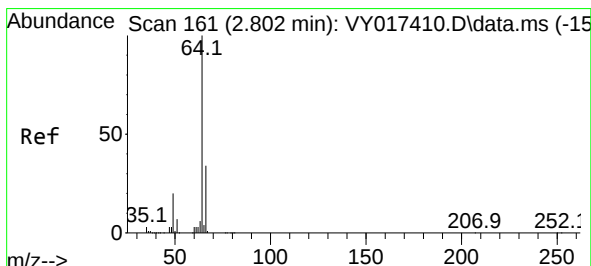
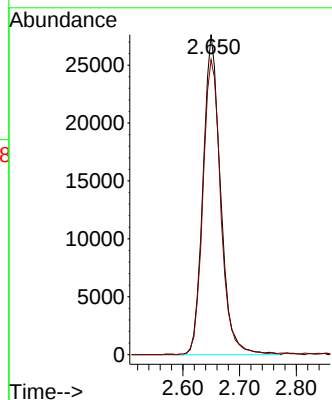
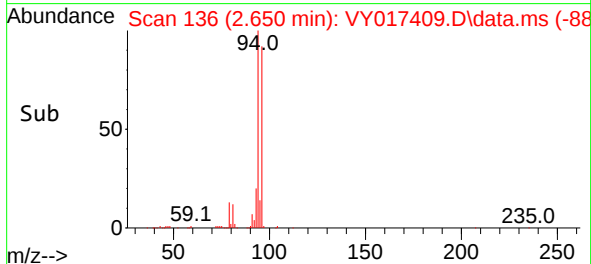
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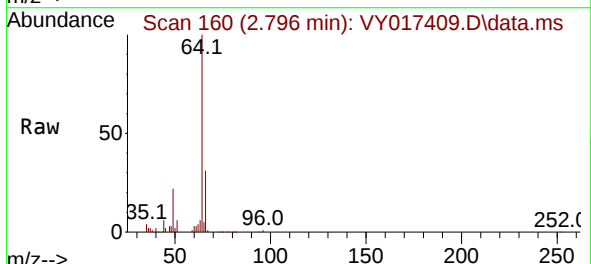
Tgt Ion: 94 Resp: 5915
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1

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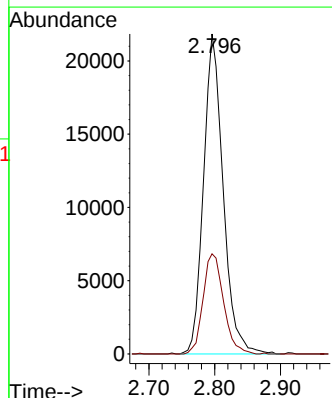
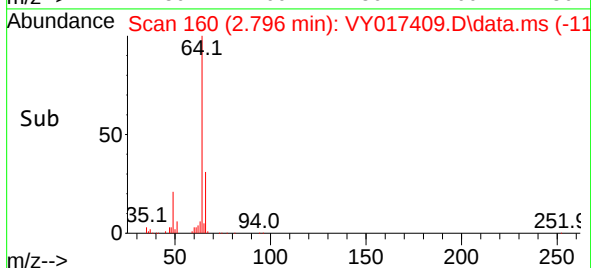
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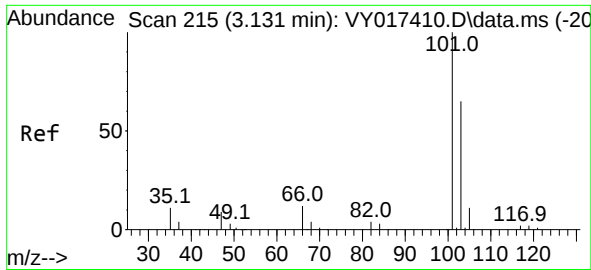


#6
Chloroethane
Concen: 20.415 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017409.D
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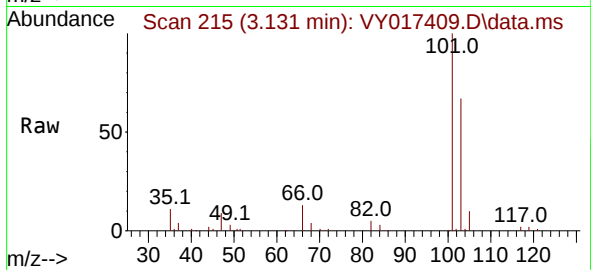
Tgt Ion: 64 Resp: 45307
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 20.480 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017409.D
 Acq: 19 Feb 2024 17:26

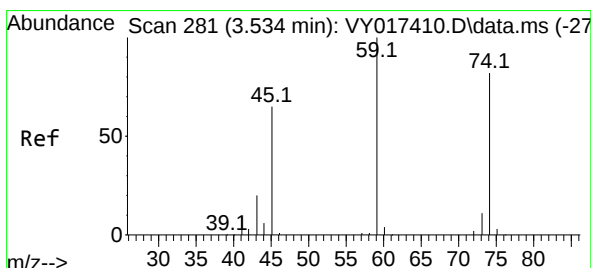
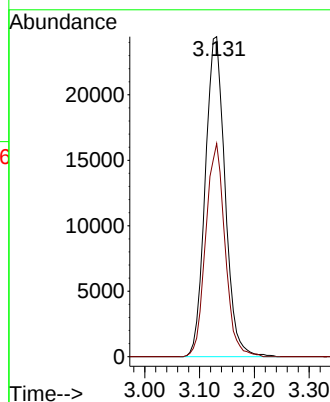
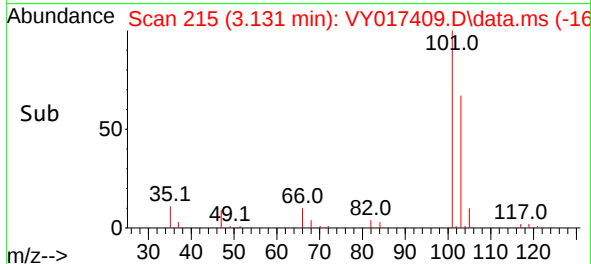
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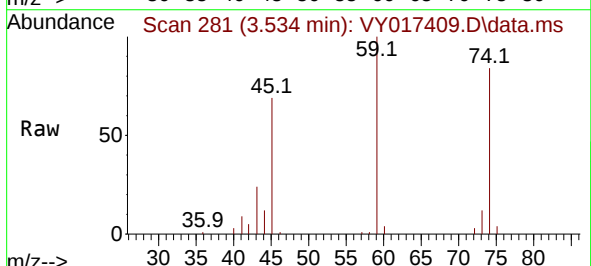
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 Ion Ratio Lower Upper
 101 100
 103 66.6 49.3 73.9

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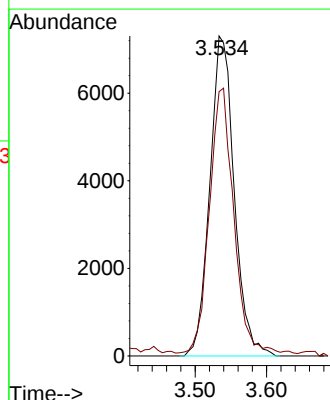
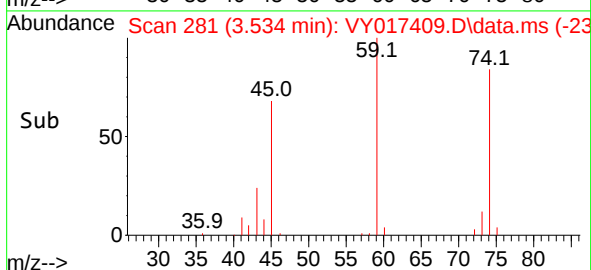
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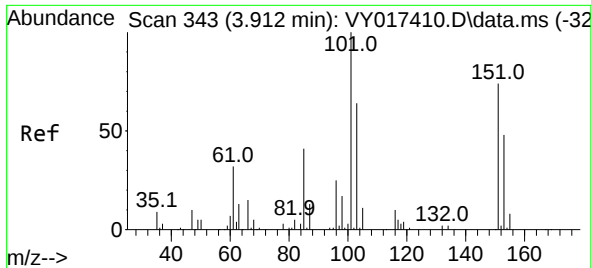


#8
 Diethyl Ether
 Concen: 20.525 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017409.D
 Acq: 19 Feb 2024 17:26



Tgt Ion: 74 Resp: 17333
 Ion Ratio Lower Upper
 74 100
 45 81.5 41.3 124.1





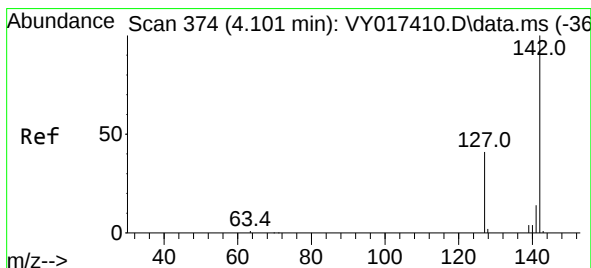
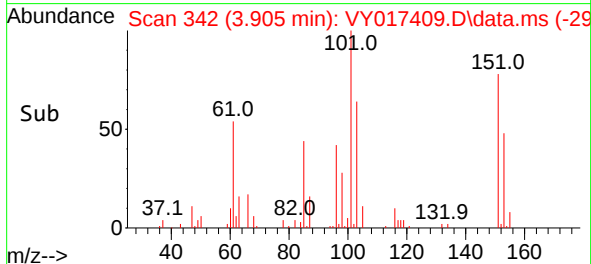
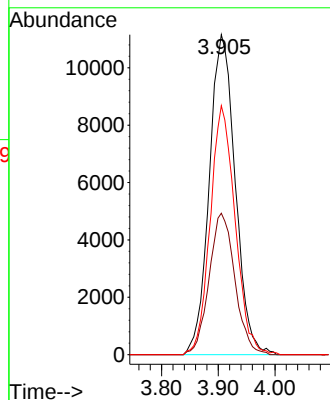
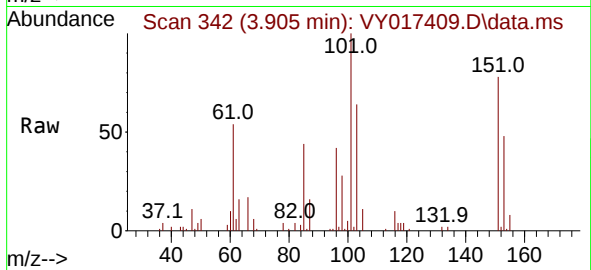
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.521 ug/l
RT: 3.905 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 35438
Ion Ratio Lower Upper
101 100
85 43.9 34.5 51.7
151 74.8 61.7 92.5

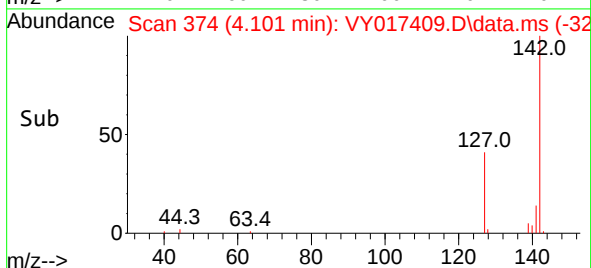
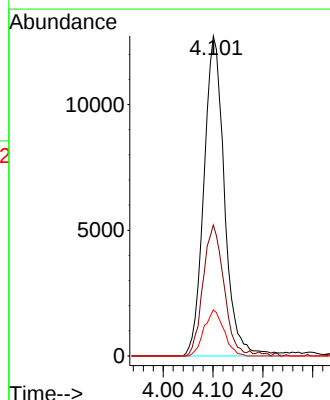
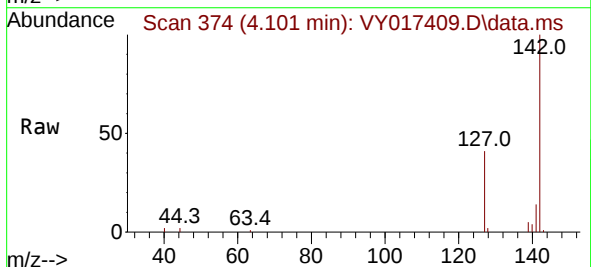
Manual Integrations
APPROVED

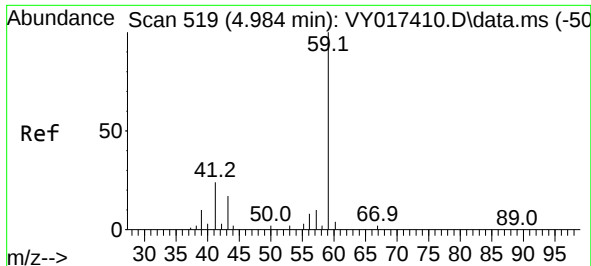
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#10
Methyl Iodide
Concen: 19.833 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion:142 Resp: 36449
Ion Ratio Lower Upper
142 100
127 41.6 32.8 49.2
141 13.9 11.4 17.2





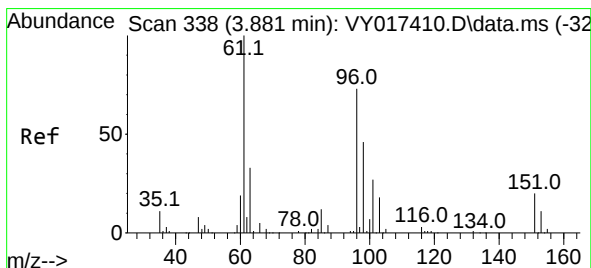
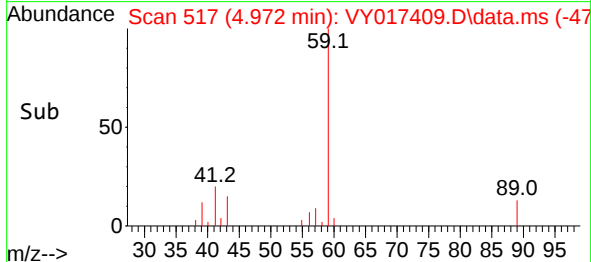
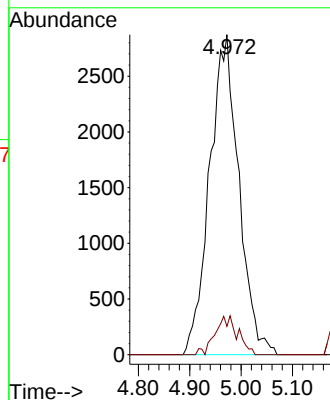
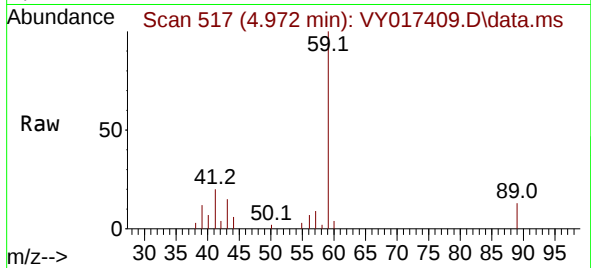
#11
Tert butyl alcohol
Concen: 103.913 ug/l
RT: 4.972 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 11349
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.6

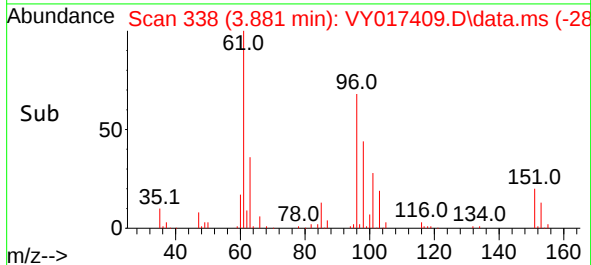
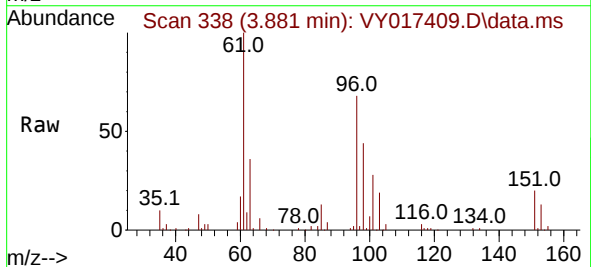
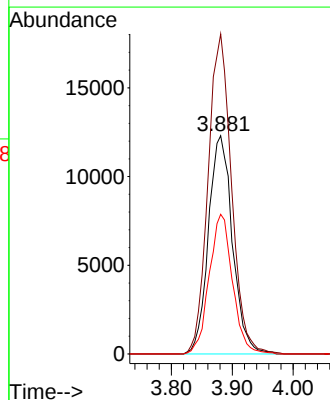
Manual Integrations
APPROVED

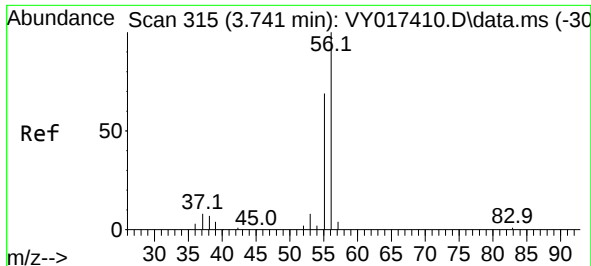
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#12
1,1-Dichloroethene
Concen: 20.773 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 96 Resp: 33719
Ion Ratio Lower Upper
96 100
61 146.6 114.6 171.8
98 64.0 50.8 76.2





#13

Acrolein

Concen: 113.970 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 1665

Ion Ratio Lower Upper

56 100

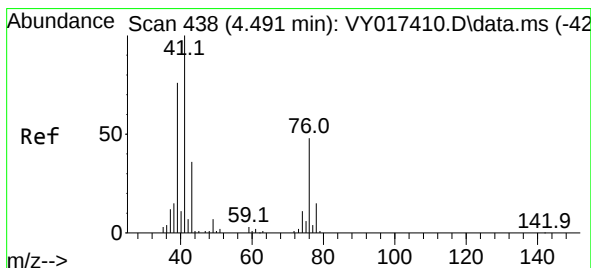
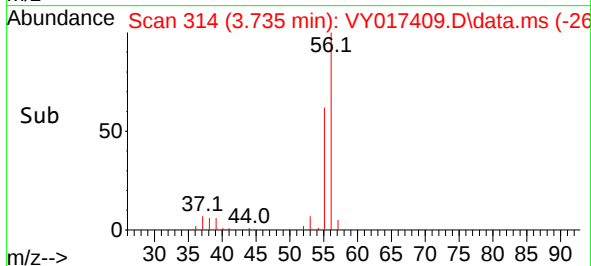
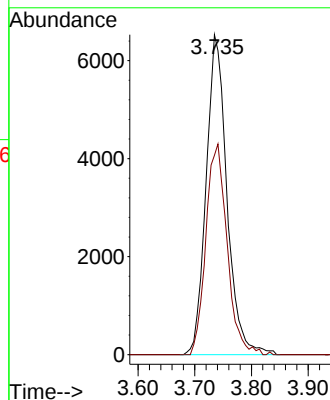
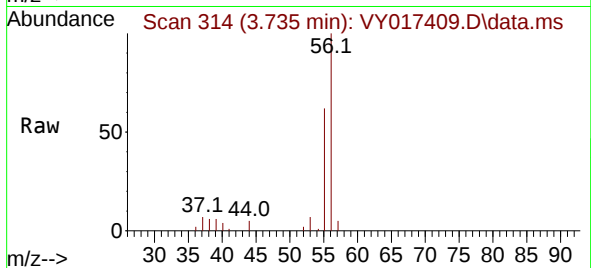
55 67.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#14

Allyl chloride

Concen: 20.382 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

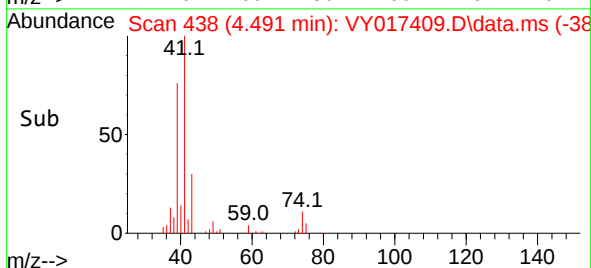
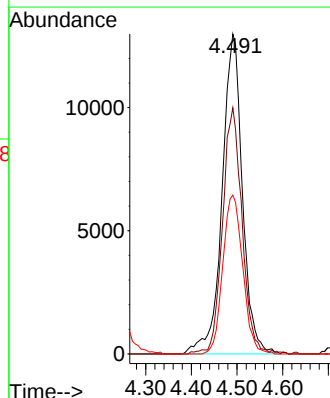
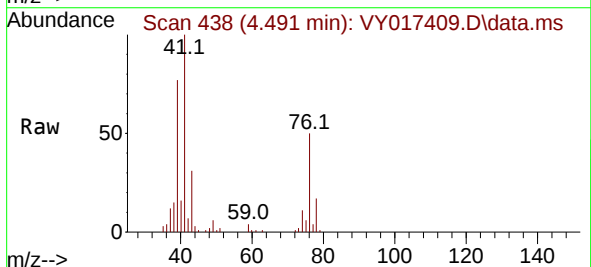
Tgt Ion: 41 Resp: 40101

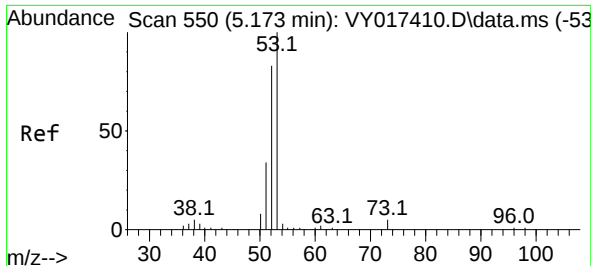
Ion Ratio Lower Upper

41 100

39 74.0 58.3 87.5

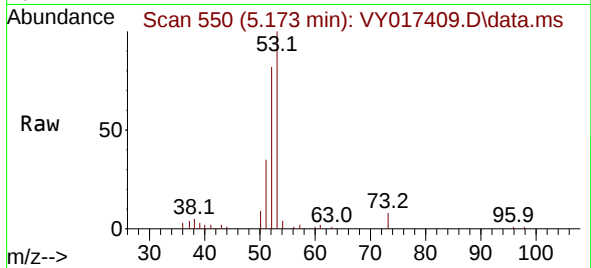
76 48.8 39.0 58.6





#15
Acrylonitrile
Concen: 103.906 ug/l
RT: 5.173 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

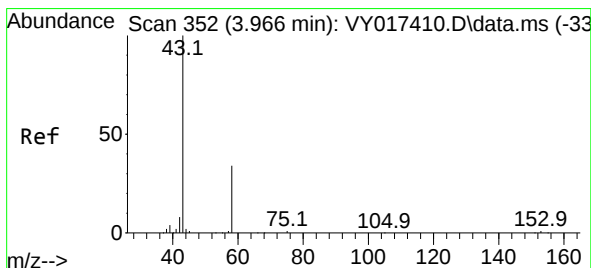
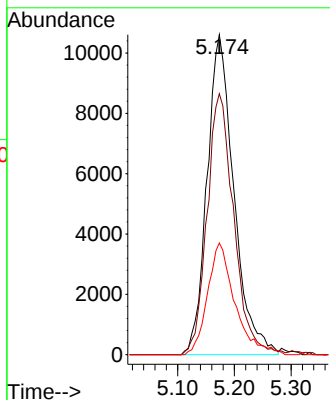
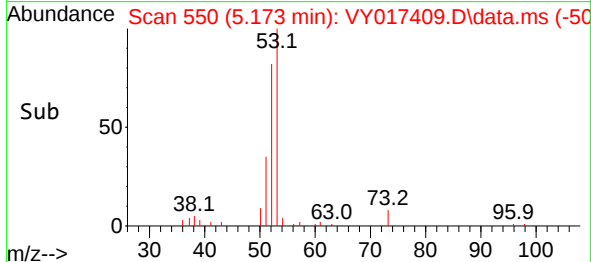
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 3488
Ion Ratio Lower Upper
53 100
52 81.1 64.7 97.1
51 35.6 28.4 42.6

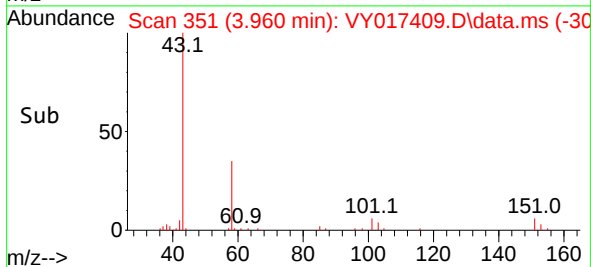
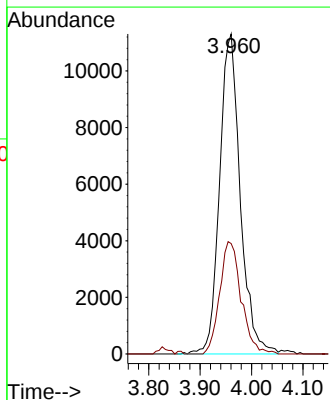
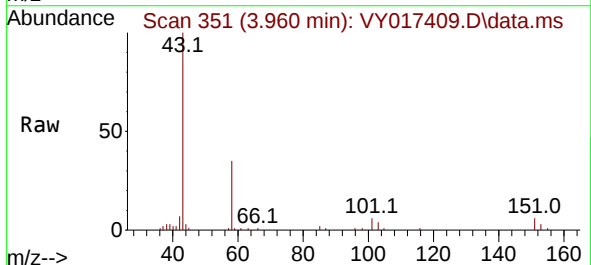
Manual Integrations
APPROVED

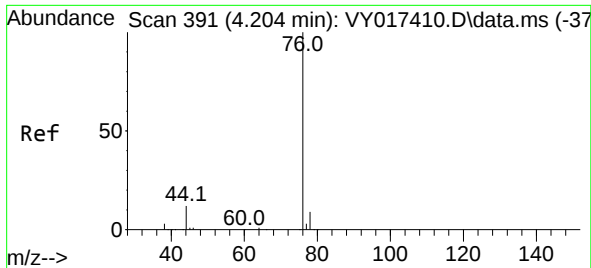
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#16
Acetone
Concen: 103.921 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 43 Resp: 31613
Ion Ratio Lower Upper
43 100
58 34.5 31.7 47.5





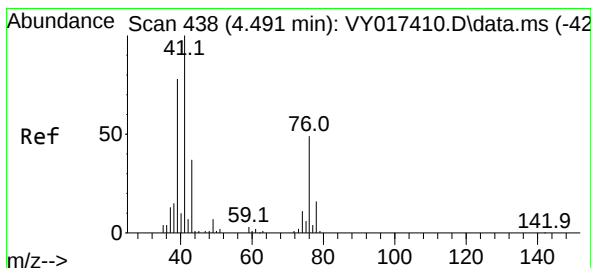
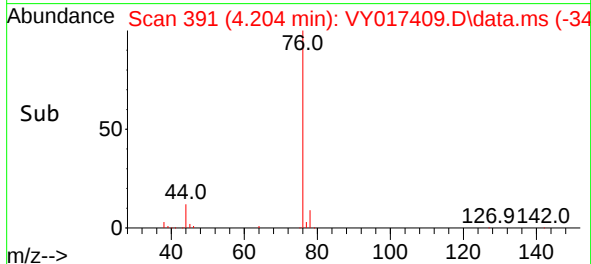
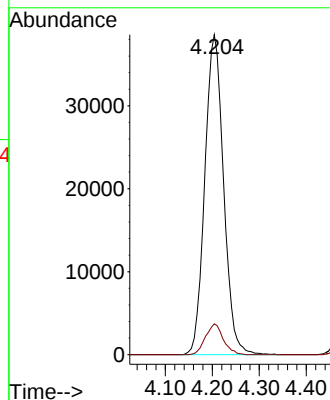
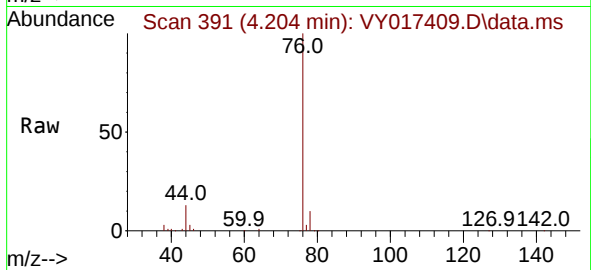
#17
Carbon Disulfide
Concen: 20.735 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 106920
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

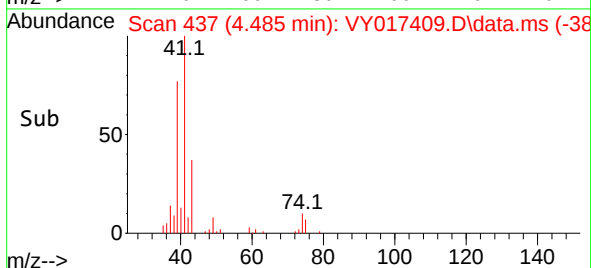
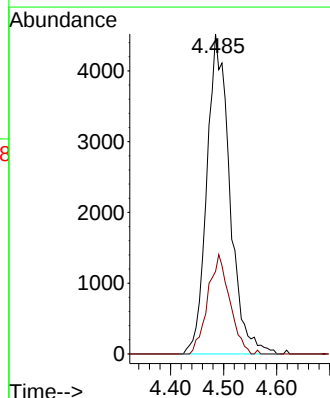
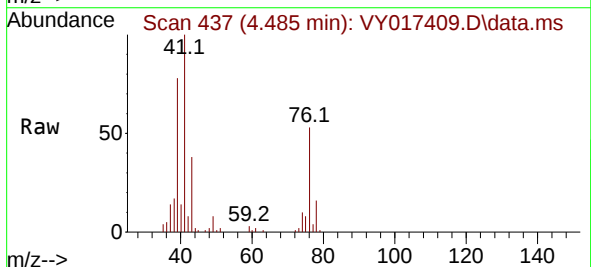
Manual Integrations
APPROVED

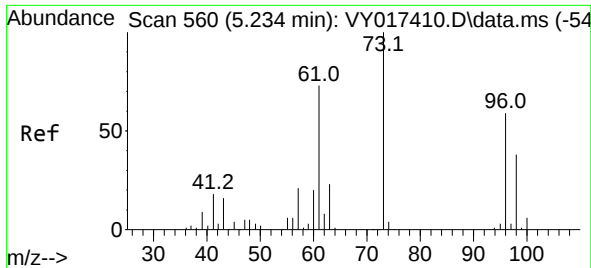
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#18
Methyl Acetate
Concen: 19.700 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 43 Resp: 13589
Ion Ratio Lower Upper
43 100
74 29.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.142 ug/l

RT: 5.234 min Scan# 50

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 73850

Ion Ratio Lower Upper

73 100

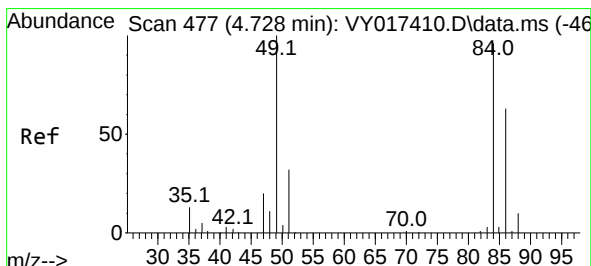
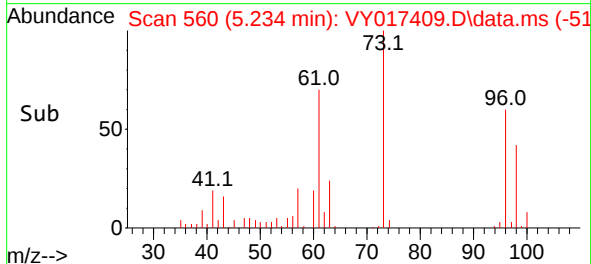
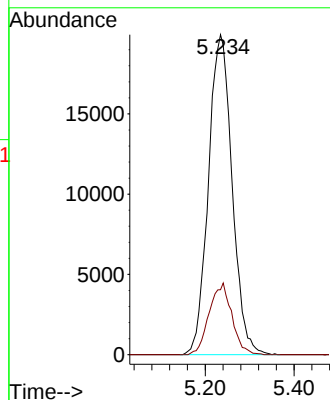
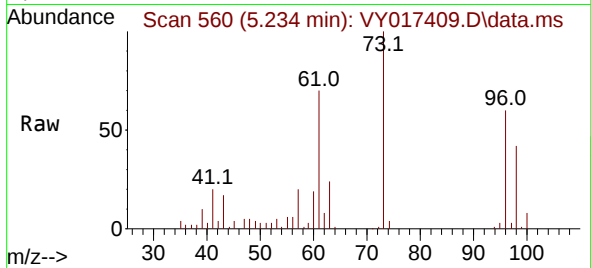
57 20.3 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#20

Methylene Chloride

Concen: 20.681 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Tgt Ion: 84 Resp: 45298

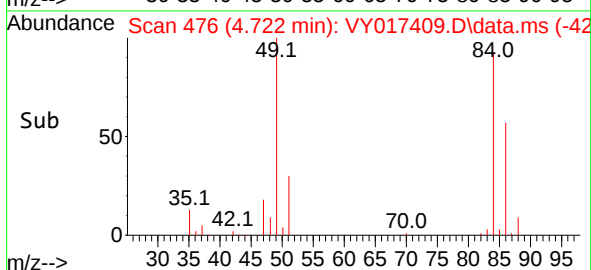
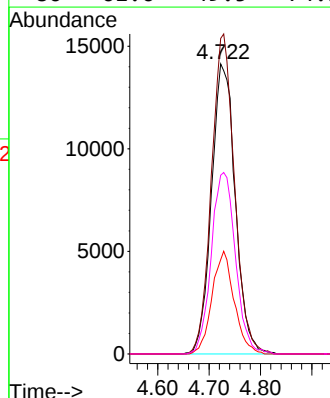
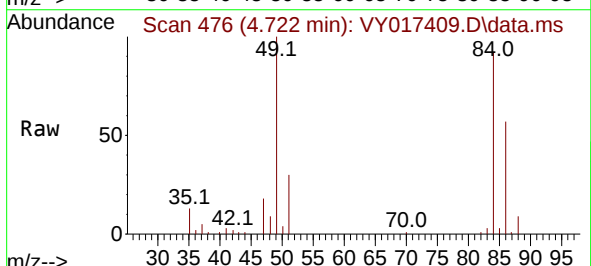
Ion Ratio Lower Upper

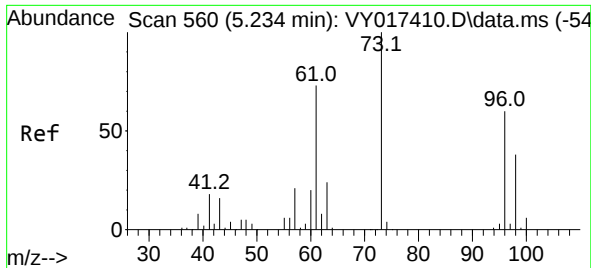
84 100

49 108.8 84.4 126.6

51 32.5 26.0 39.0

86 61.6 49.5 74.3





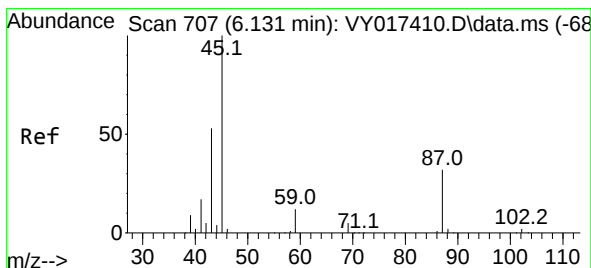
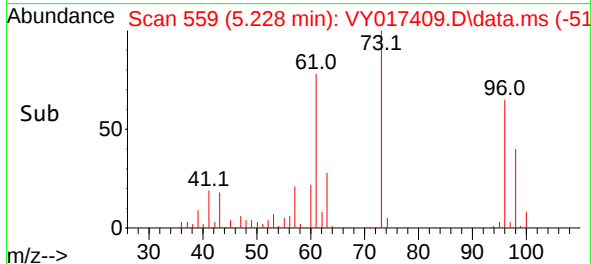
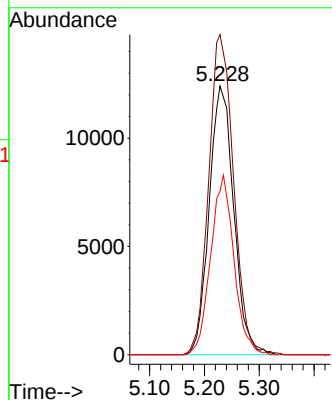
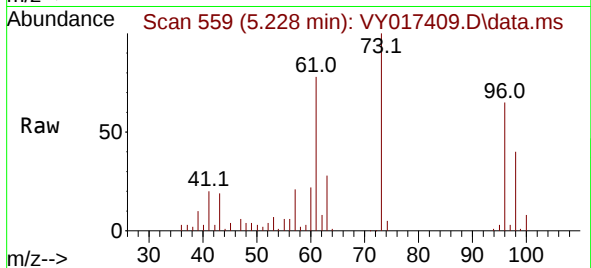
#21
trans-1,2-Dichloroethene
Concen: 20.558 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 38590
Ion Ratio Lower Upper
96 100
61 119.2 97.5 146.3
98 60.9 50.5 75.7

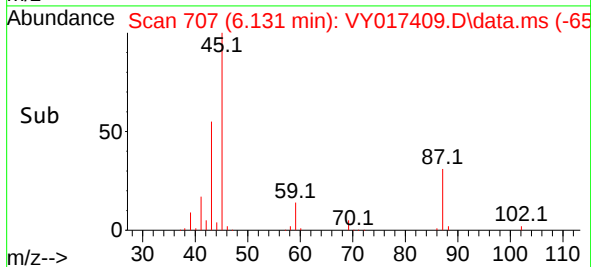
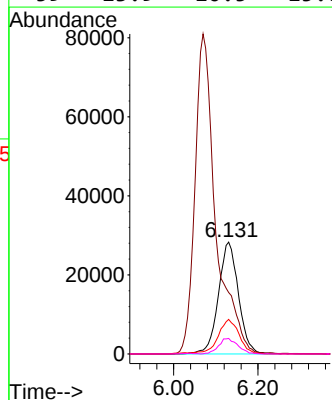
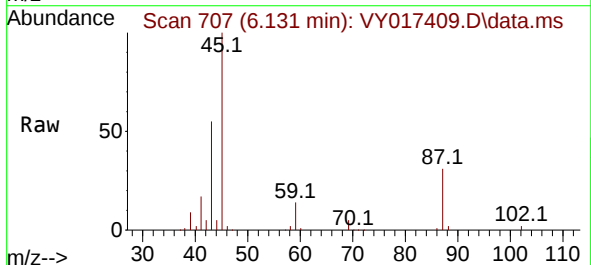
Manual Integrations
APPROVED

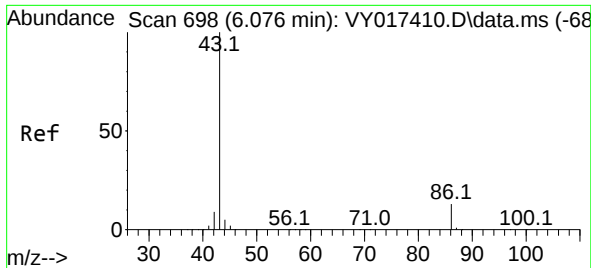
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#22
Diisopropyl ether
Concen: 20.572 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

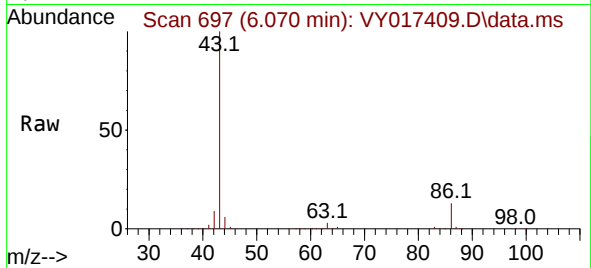
Tgt Ion: 45 Resp: 93090
Ion Ratio Lower Upper
45 100
43 54.5 42.2 63.2
87 30.9 25.0 37.6
59 13.9 10.5 15.7





#23
 Vinyl Acetate
 Concen: 102.944 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY017409.D
 Acq: 19 Feb 2024 17:26

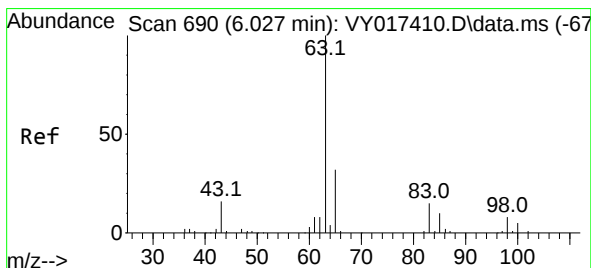
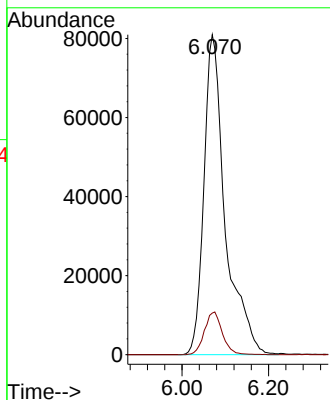
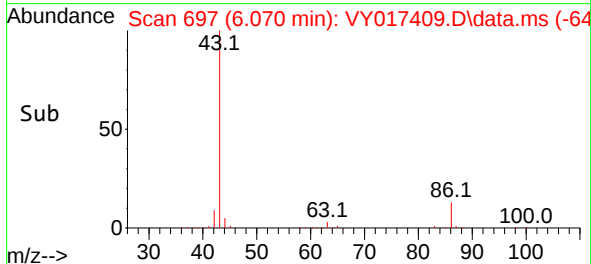
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



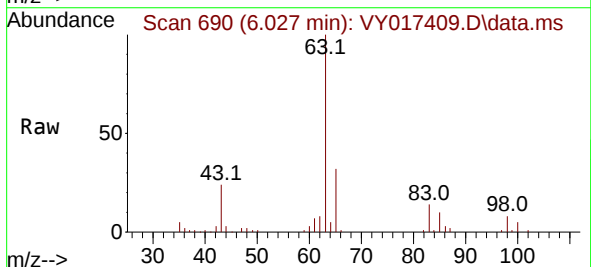
Tgt Ion: 43 Resp: 276840
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0

Manual Integrations
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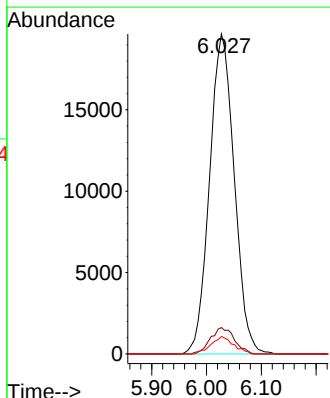
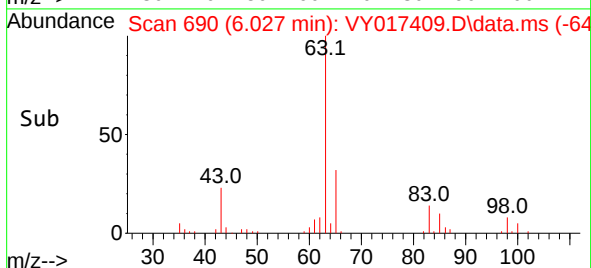
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

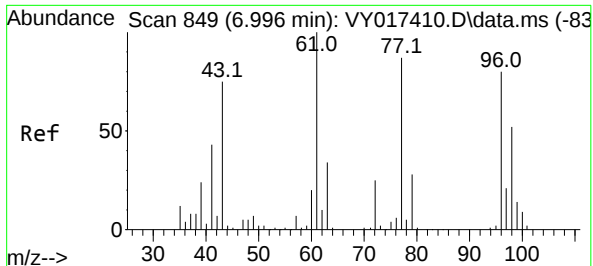


#24
 1,1-Dichloroethane
 Concen: 20.064 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017409.D
 Acq: 19 Feb 2024 17:26



Tgt Ion: 63 Resp: 61554
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 103.326 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 4412

Ion Ratio Lower Upper

43 100

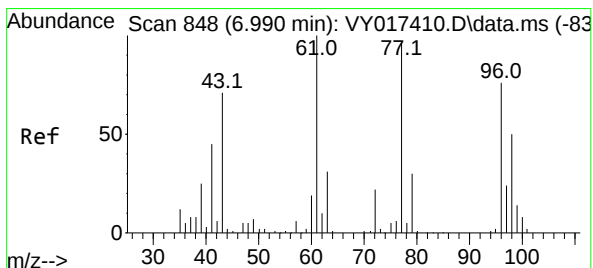
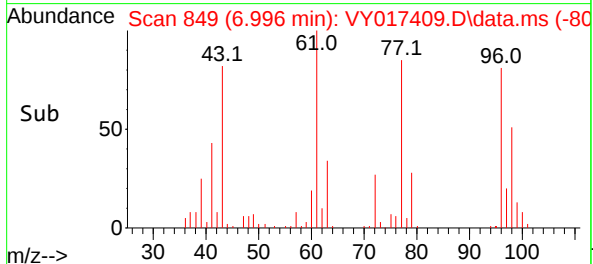
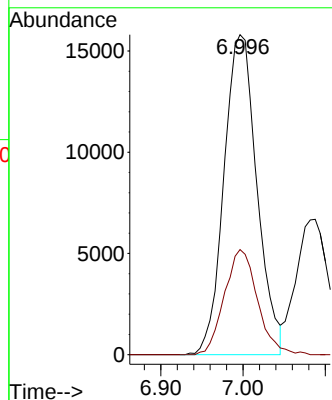
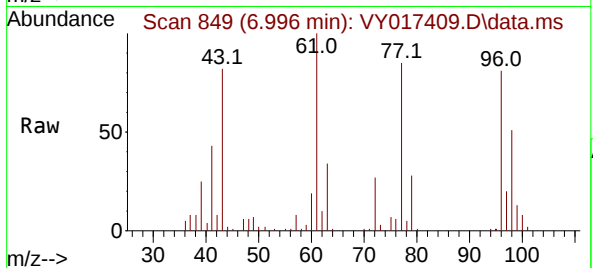
72 32.8 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#26

2,2-Dichloropropane

Concen: 20.099 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017409.D

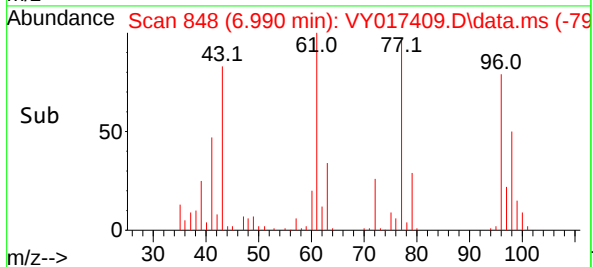
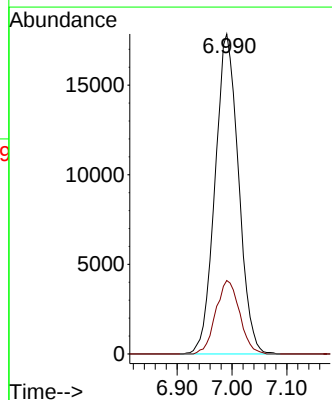
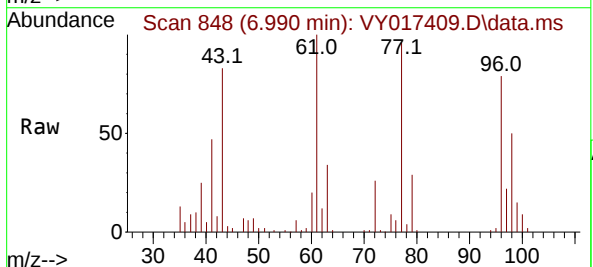
Acq: 19 Feb 2024 17:26

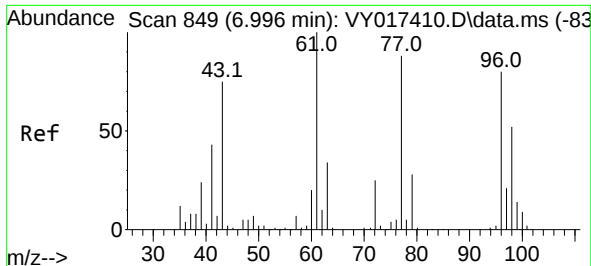
Tgt Ion: 77 Resp: 53057

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.041 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 4179

Ion Ratio Lower Upper

96 100

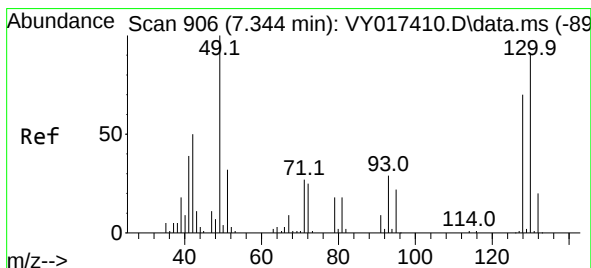
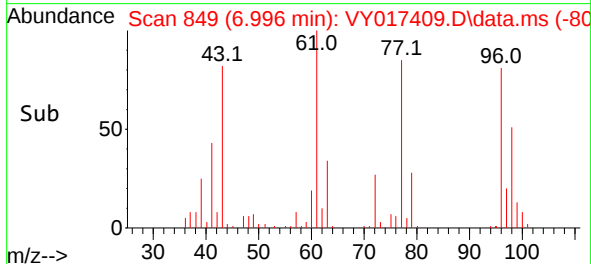
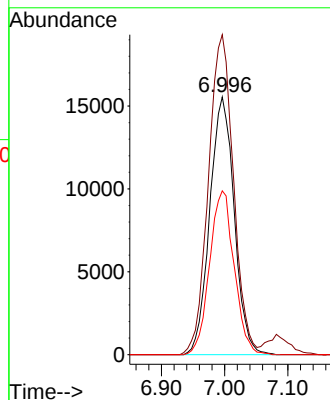
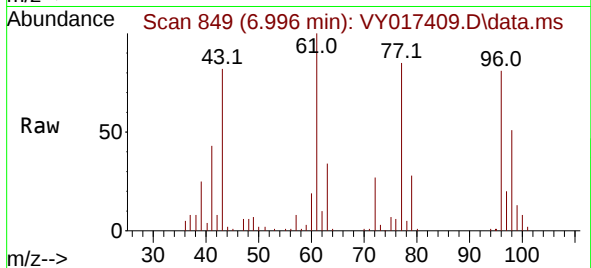
61 126.9 0.0 256.2

98 63.9 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#28

Bromochloromethane

Concen: 17.958 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

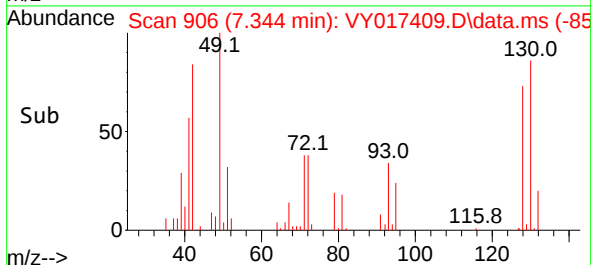
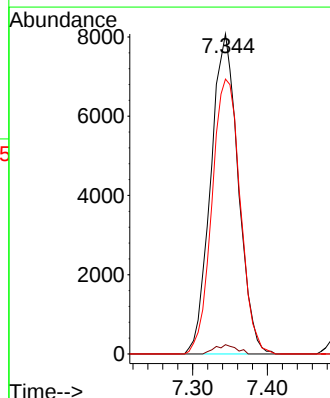
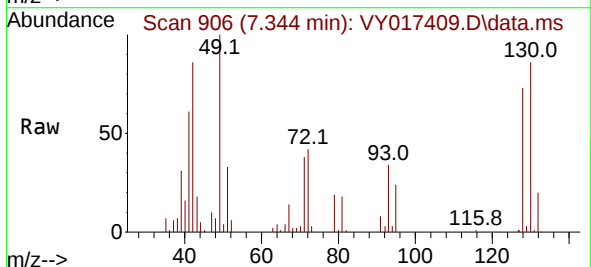
Tgt Ion: 49 Resp: 20671

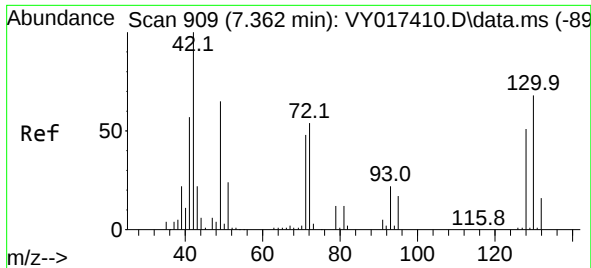
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

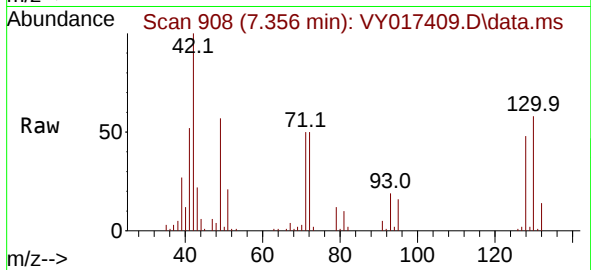
130 88.3 72.7 109.1





#29
Tetrahydrofuran
Concen: 105.793 ug/l
RT: 7.356 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

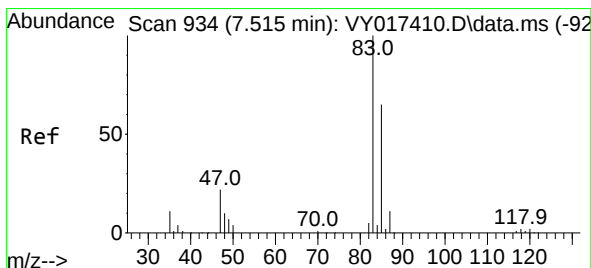
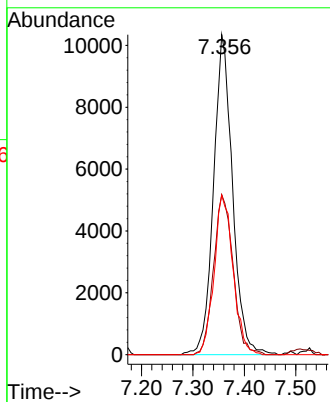
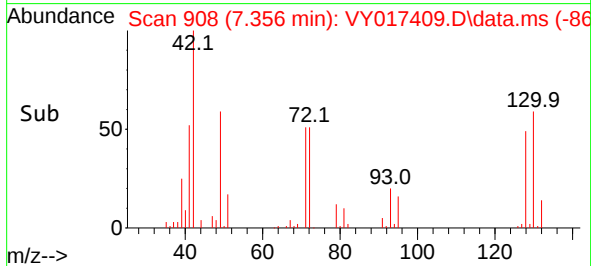
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



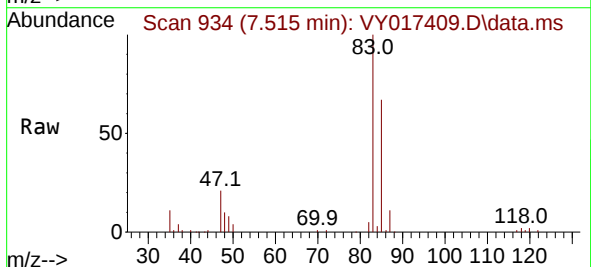
Tgt Ion: 42 Resp: 26550
Ion Ratio Lower Upper
42 100
72 51.4 43.0 64.4
71 49.8 40.8 61.2

Manual Integrations
APPROVED

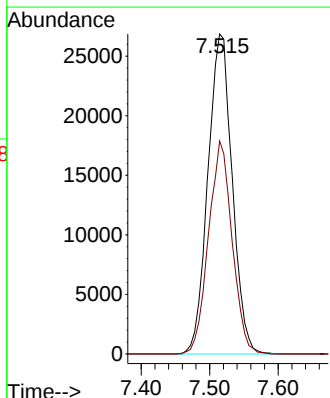
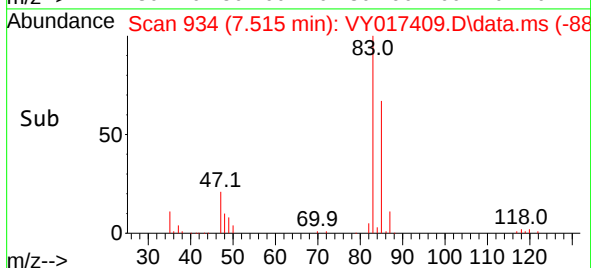
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

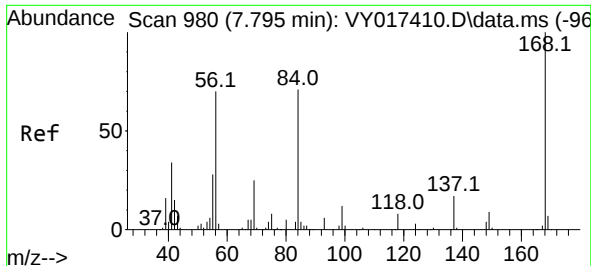


#30
Chloroform
Concen: 20.432 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



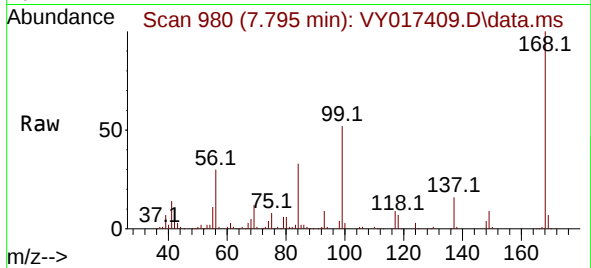
Tgt Ion: 83 Resp: 66170
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.4





#31
Cyclohexane
Concen: 20.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

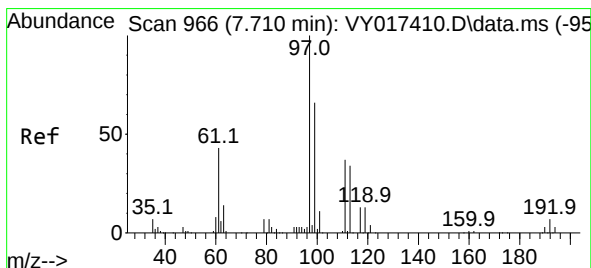
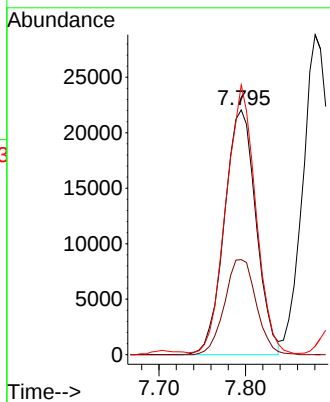
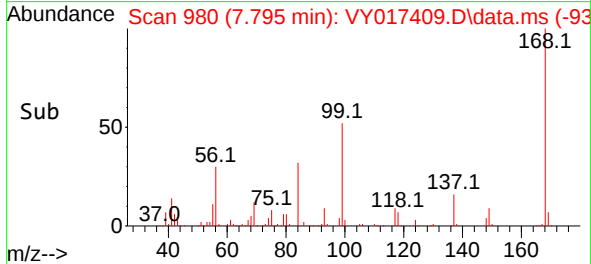
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 5602
Ion Ratio Lower Upper
56 100
69 38.8 28.7 43.1
84 109.0 77.7 116.5

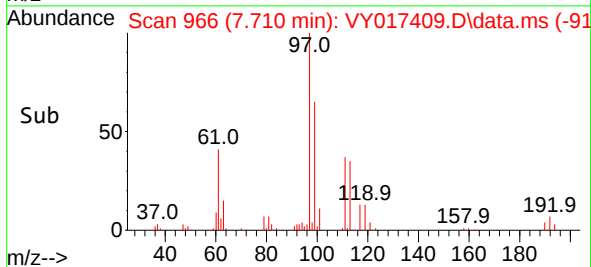
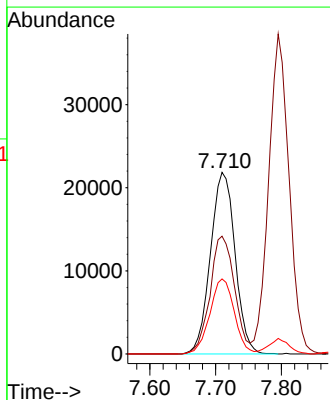
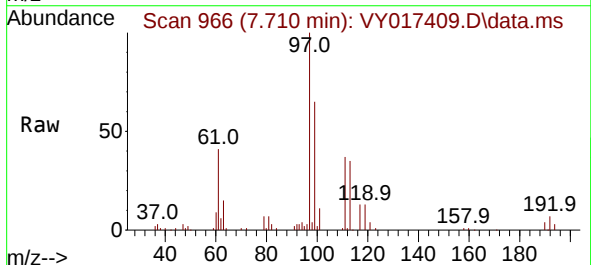
Manual Integrations
APPROVED

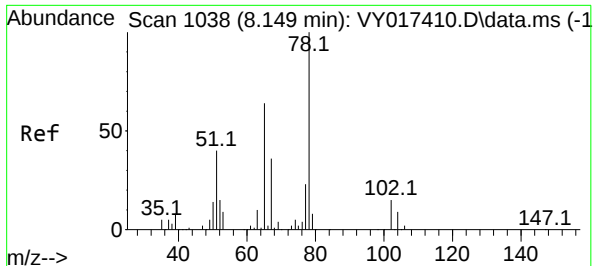
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.908 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 97 Resp: 56946
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 41.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 21.185 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 2975

Ion Ratio Lower Upper

65 100

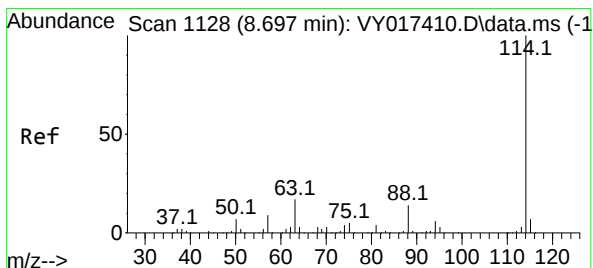
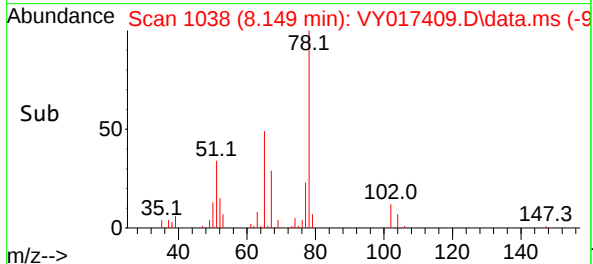
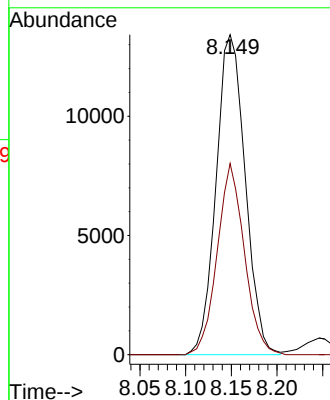
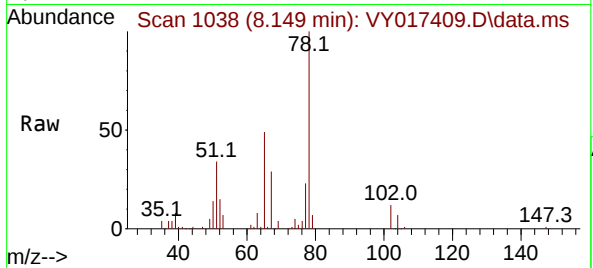
67 55.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

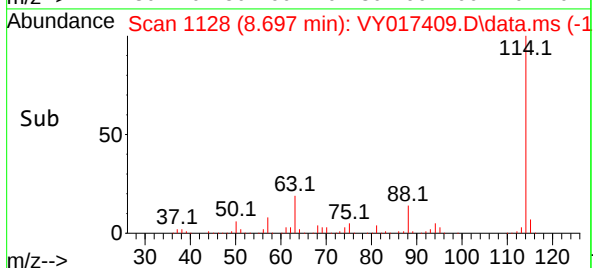
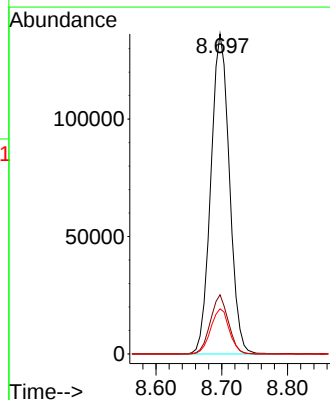
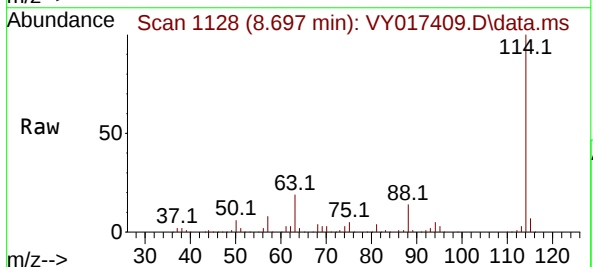
Tgt Ion:114 Resp: 267748

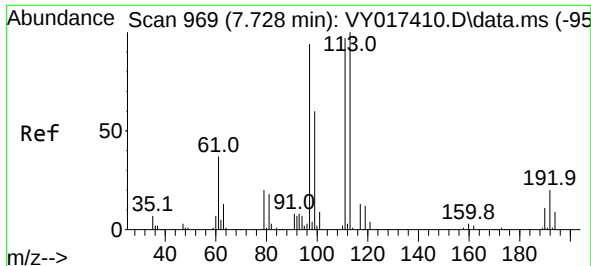
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 14.1 0.0 27.2





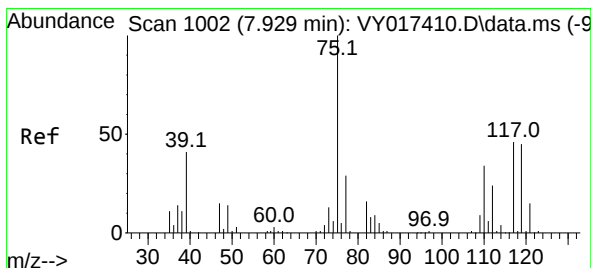
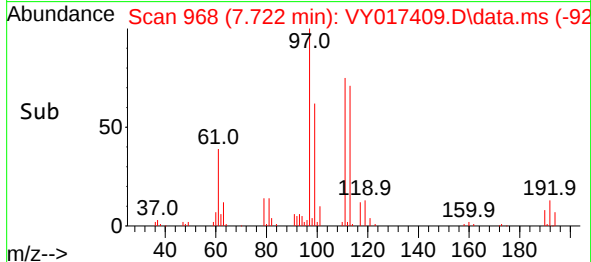
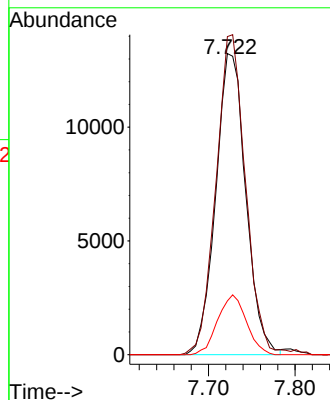
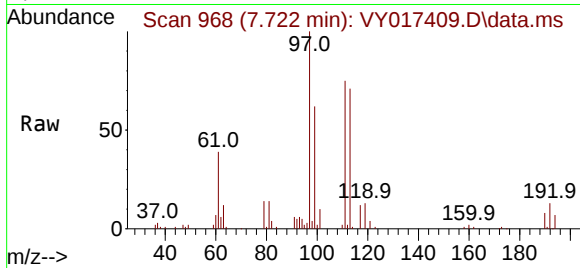
#35
Dibromofluoromethane
Concen: 20.356 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 31904
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 19.0 15.9 23.9

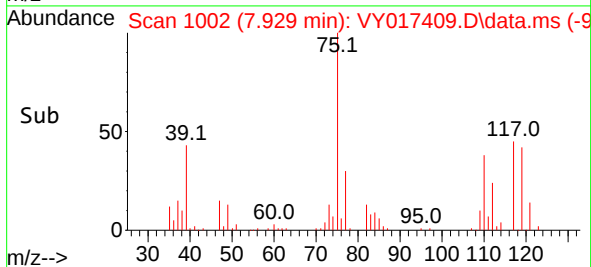
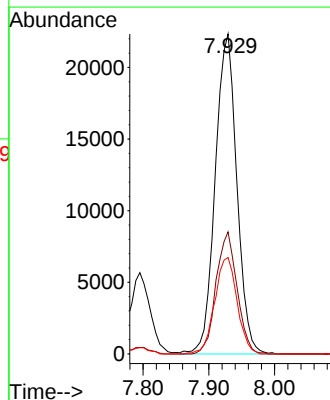
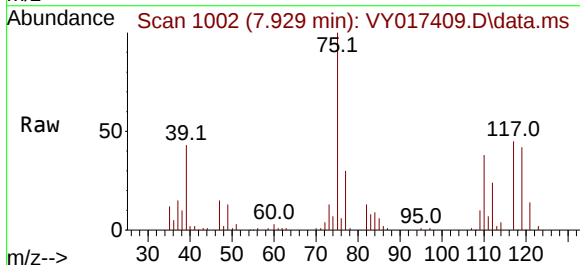
Manual Integrations
APPROVED

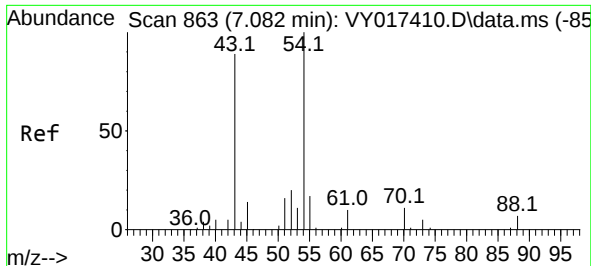
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#36
1,1-Dichloropropene
Concen: 19.528 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 75 Resp: 51117
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 19.867 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

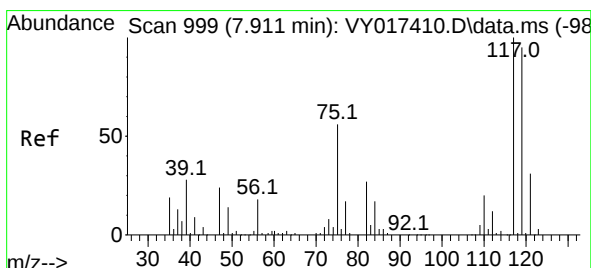
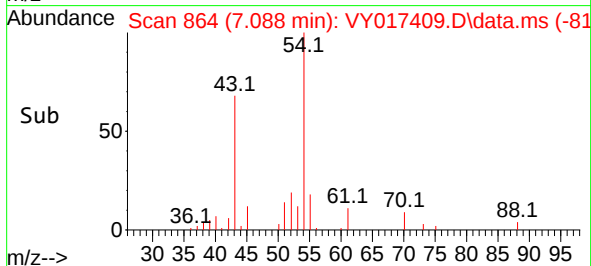
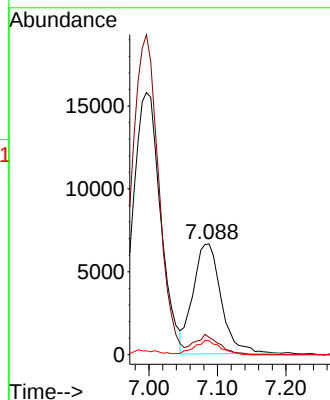
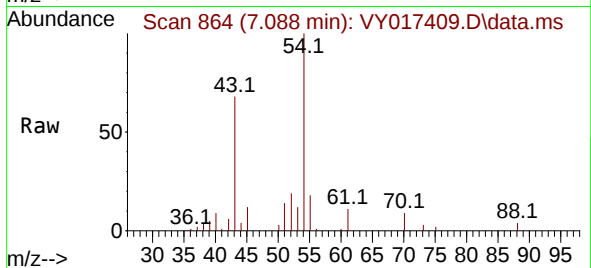
Tgt Ion: 43 Resp: 18930

Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.6	19.0
70	12.0	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#38

Carbon Tetrachloride

Concen: 19.313 ug/l

RT: 7.911 min Scan# 999

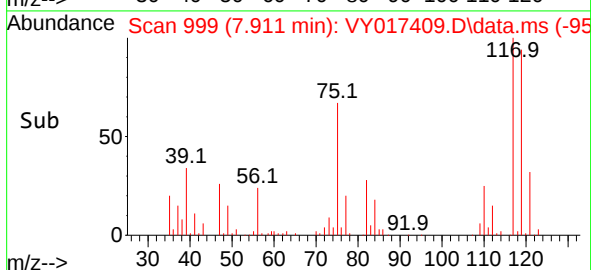
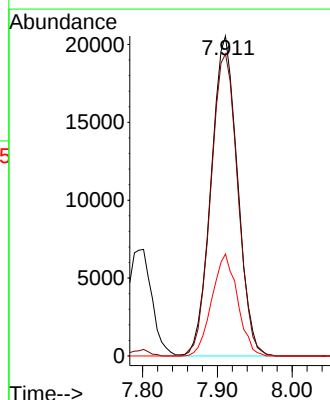
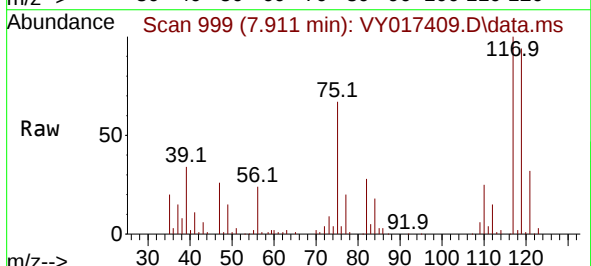
Delta R.T. 0.000 min

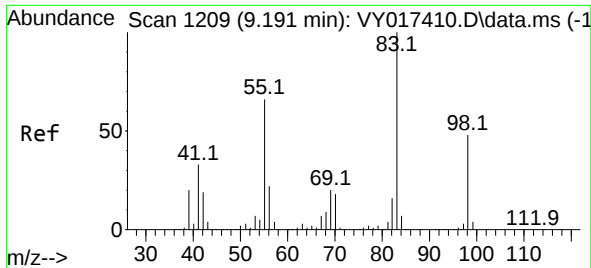
Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Tgt Ion:117 Resp: 50332

Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.6
121	31.8	24.0	36.0





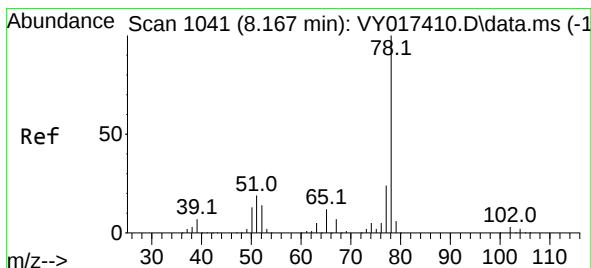
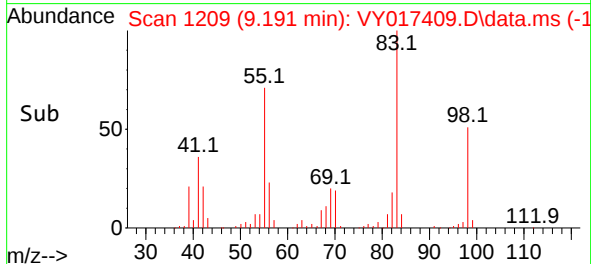
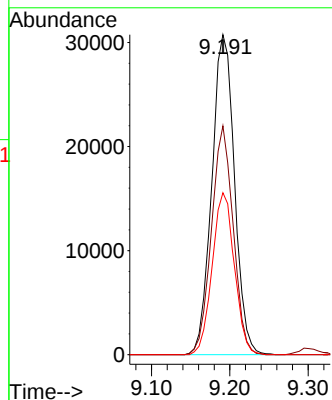
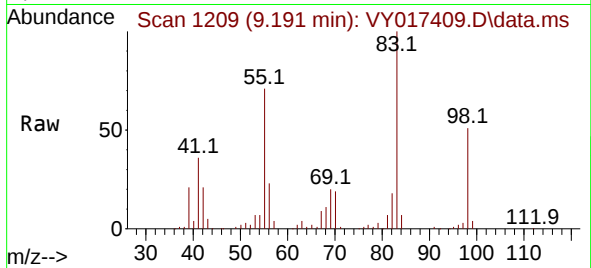
#39
Methylcyclohexane
Concen: 19.305 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 6185
Ion Ratio Lower Upper
83 100
55 71.5 51.5 77.3
98 50.6 40.5 60.7

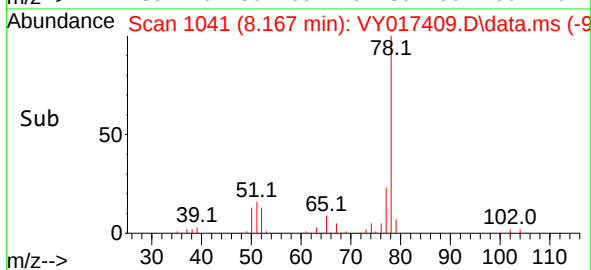
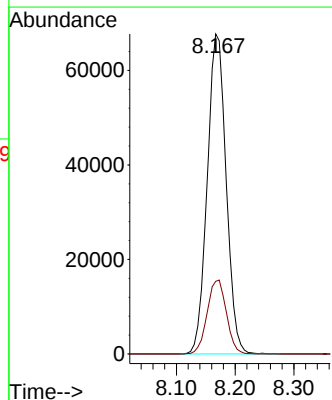
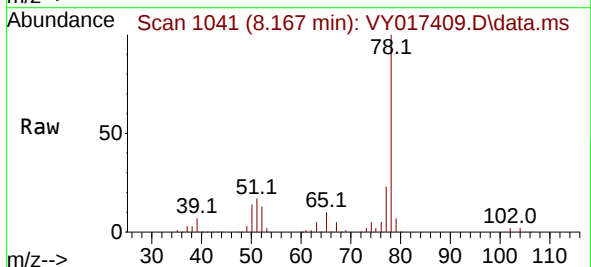
Manual Integrations
APPROVED

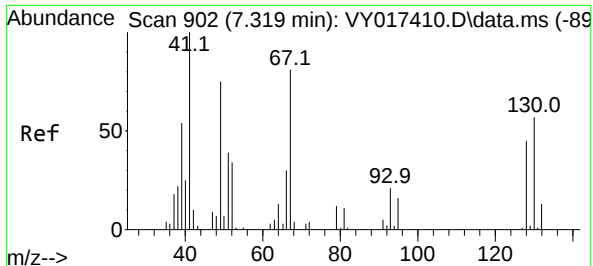
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#40
Benzene
Concen: 19.805 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 78 Resp: 151461
Ion Ratio Lower Upper
78 100
77 22.7 19.5 29.3





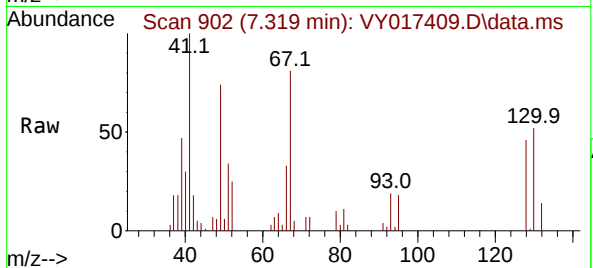
#41
Methacrylonitrile
Concen: 21.305 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

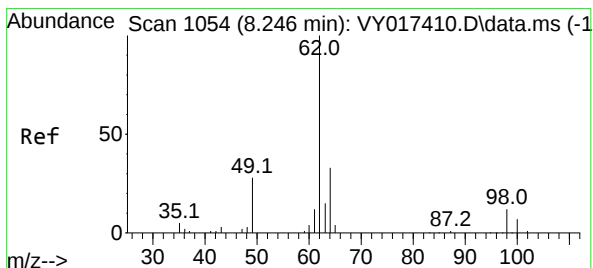
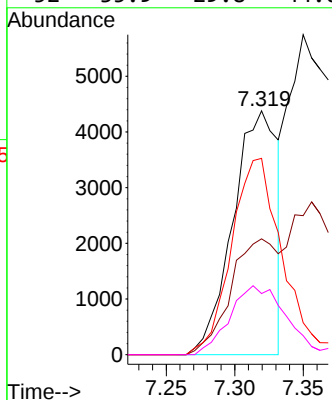
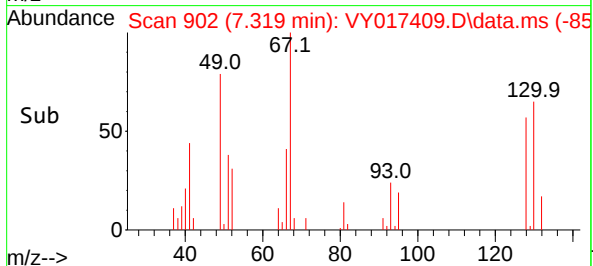


Tgt Ion:	41	Resp:	991
Ion Ratio	100	Lower	Upper
39	50.0	48.0	72.0
67	91.3	75.1	112.7
52	35.9	29.8	44.6

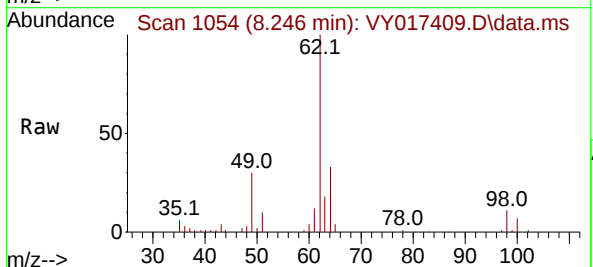
Manual Integrations

APPROVED

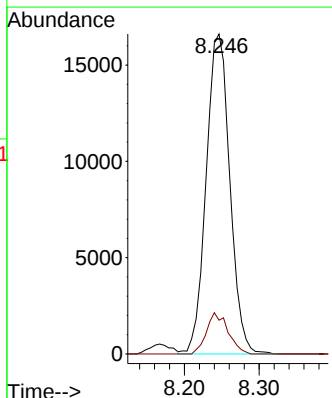
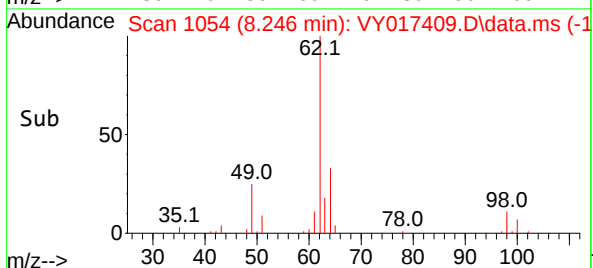
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

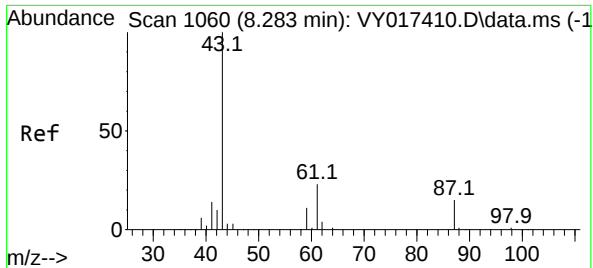


#42
1,2-Dichloroethane
Concen: 19.711 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



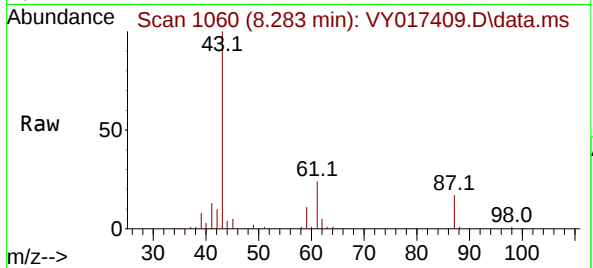
Tgt Ion:	62	Resp:	36591
Ion Ratio	100	Lower	Upper
98	11.7	0.0	22.0





#43
Isopropyl Acetate
Concen: 20.100 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

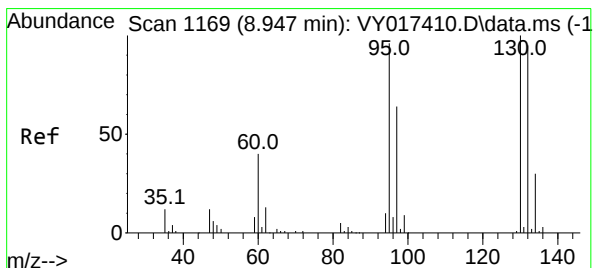
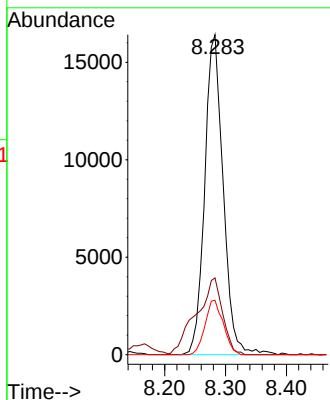
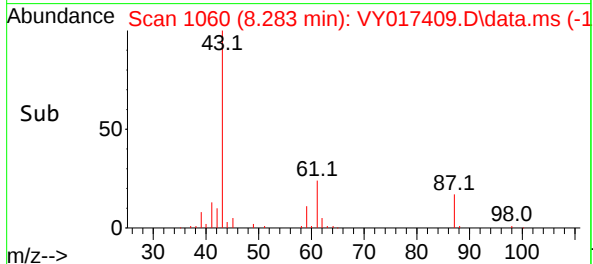
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



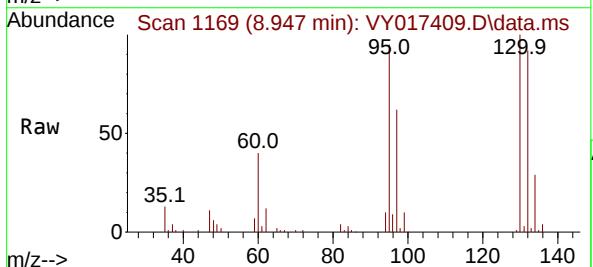
Tgt Ion: 43 Resp: 34620
Ion Ratio Lower Upper
43 100
61 33.9 27.9 41.9
87 16.8 13.1 19.7

Manual Integrations
APPROVED

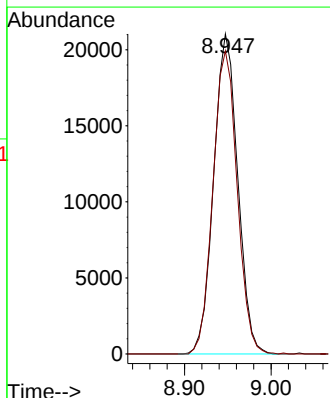
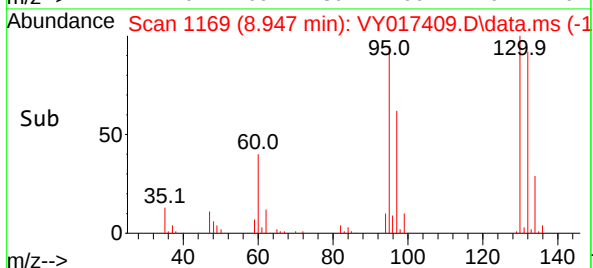
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

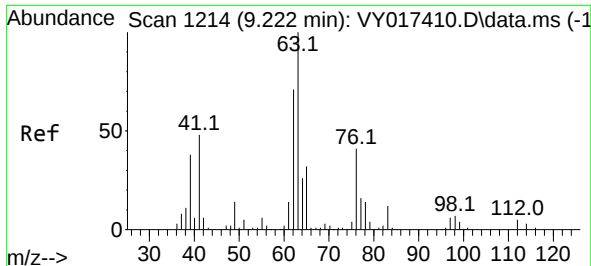


#44
Trichloroethene
Concen: 19.586 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



Tgt Ion:130 Resp: 40601
Ion Ratio Lower Upper
130 100
95 94.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.968 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3530

Ion Ratio Lower Upper

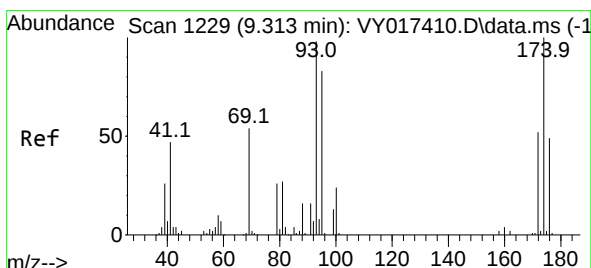
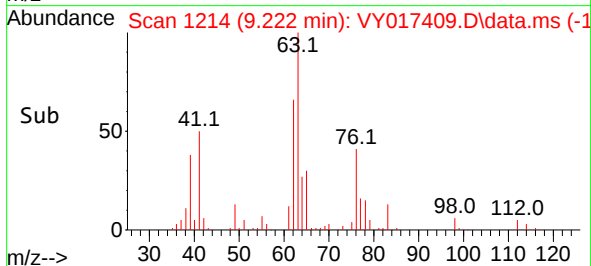
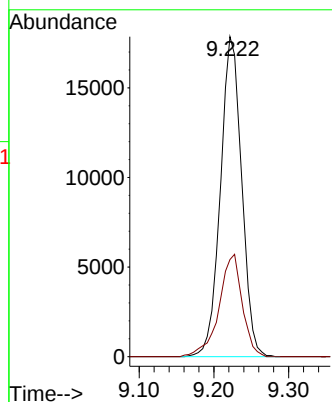
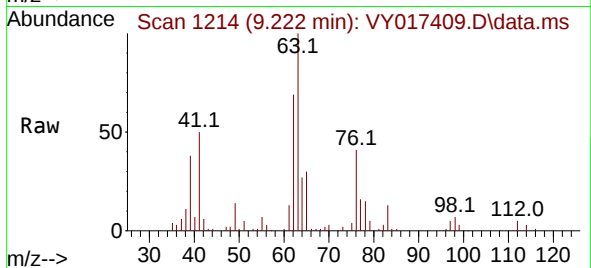
63 100

65 30.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#46

Dibromomethane

Concen: 19.807 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

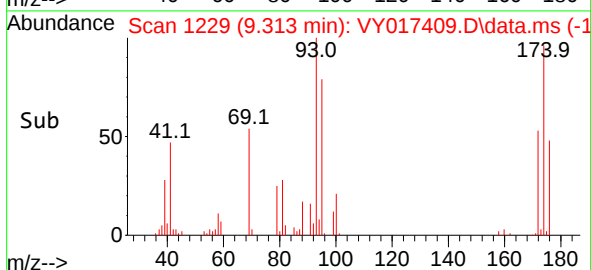
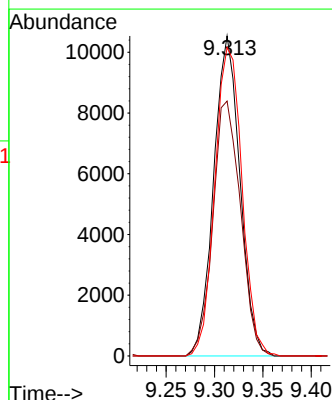
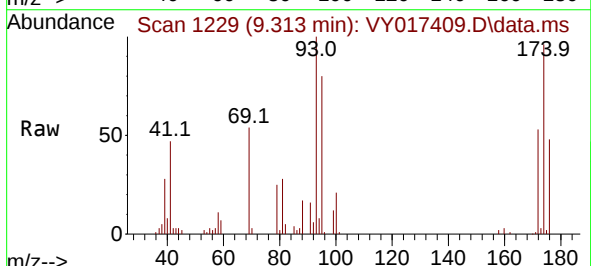
Tgt Ion: 93 Resp: 19903

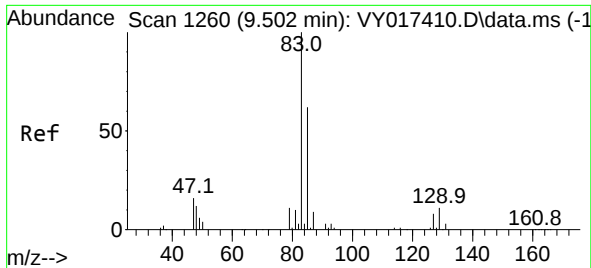
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

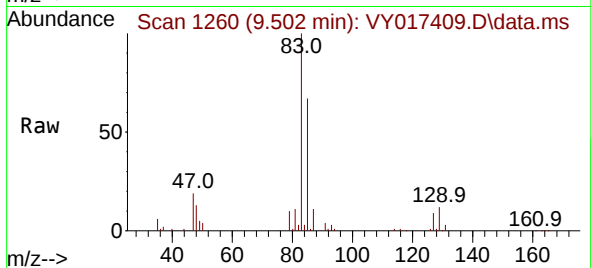
174 99.8 80.9 121.3





#47
Bromodichloromethane
Concen: 19.654 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

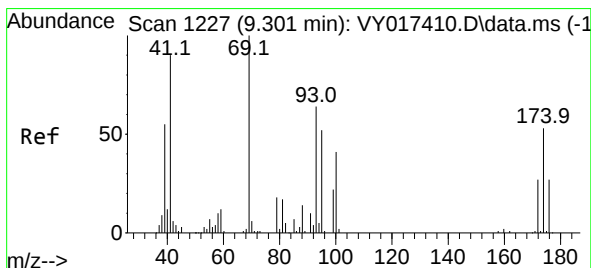
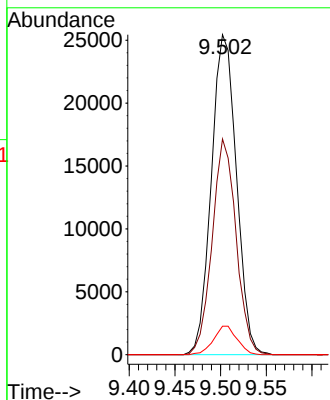
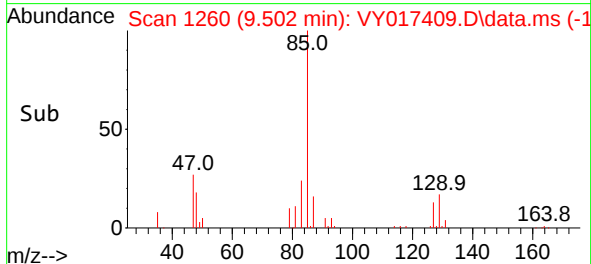
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 4855
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 8.9 7.4 11.0

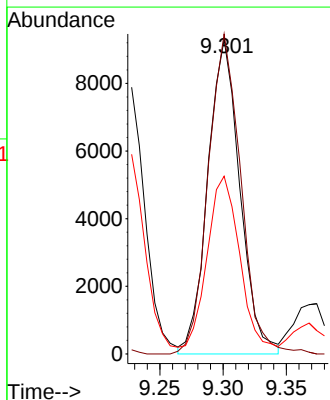
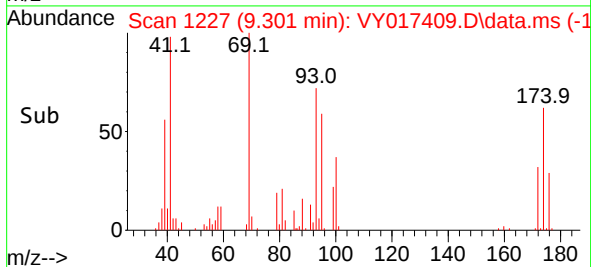
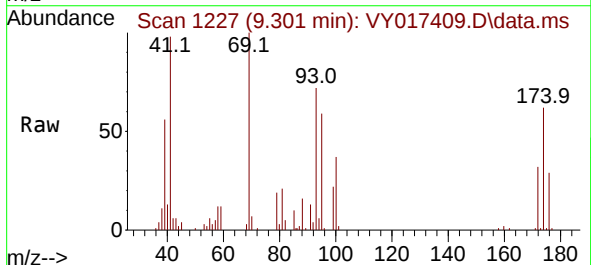
Manual Integrations
APPROVED

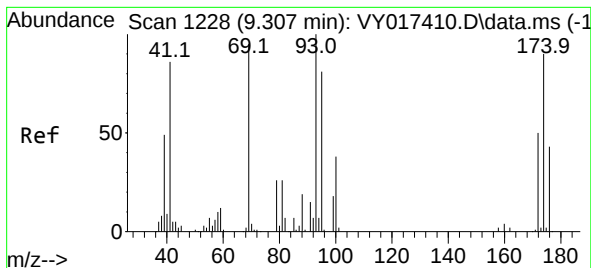
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#48
Methyl methacrylate
Concen: 20.309 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 41 Resp: 16412
Ion Ratio Lower Upper
41 100
69 103.1 84.1 126.1
39 54.7 43.6 65.4





#49

1,4-Dioxane

Concen: 411.817 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 4328

Ion Ratio Lower Upper

88 100

43 26.6 0.0 0.0

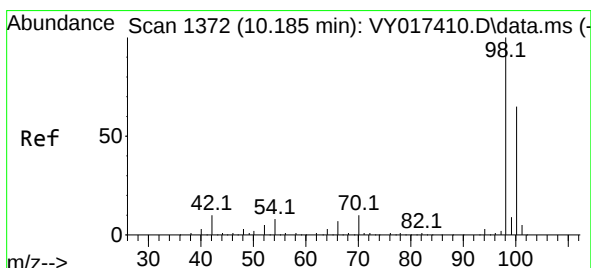
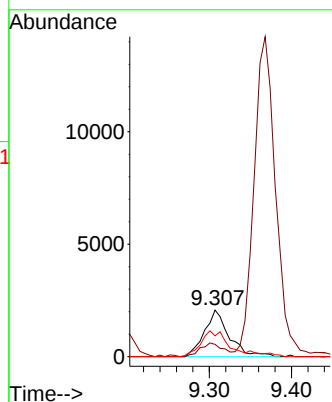
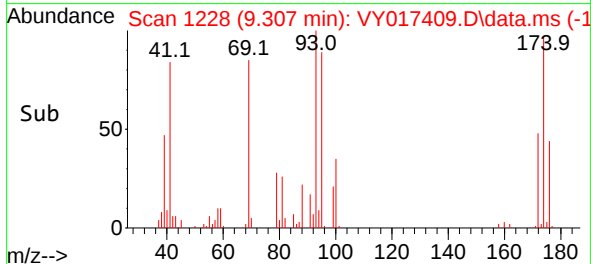
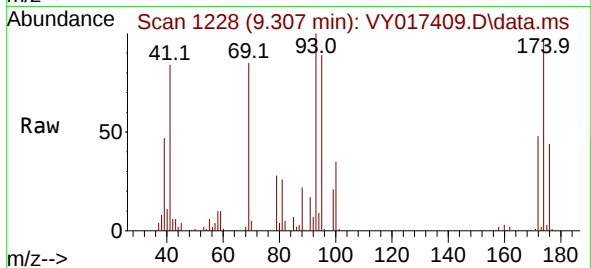
58 67.7 49.3 73.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#50

Toluene-d8

Concen: 20.349 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017409.D

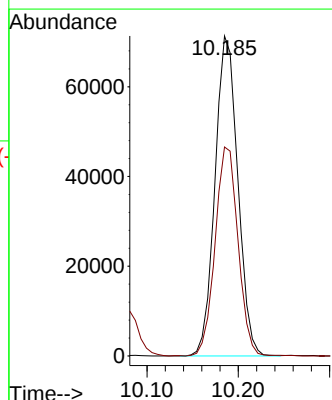
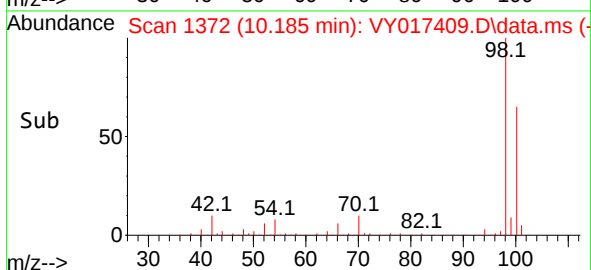
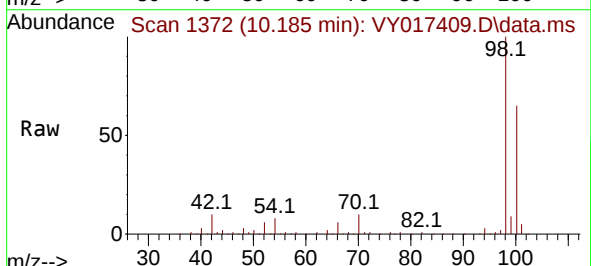
Acq: 19 Feb 2024 17:26

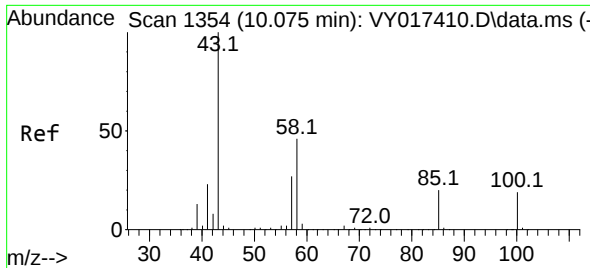
Tgt Ion: 98 Resp: 123694

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





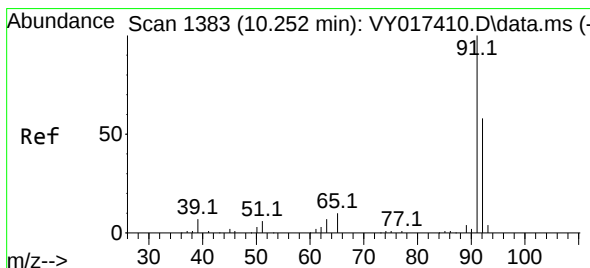
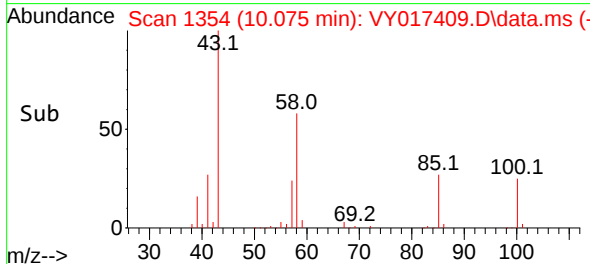
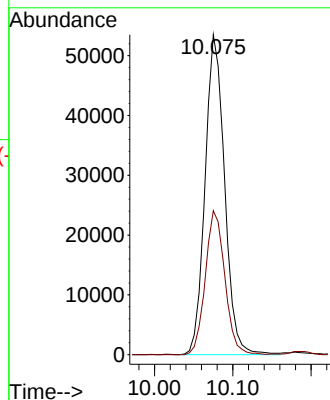
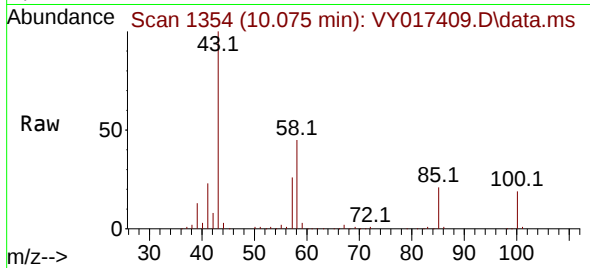
#51
4-Methyl-2-Pentanone
Concen: 99.838 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 92659
Ion Ratio Lower Upper
43 100
58 45.0 35.7 53.5

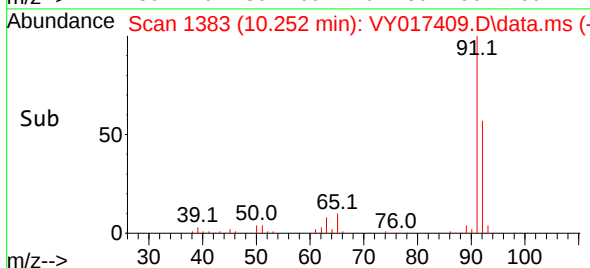
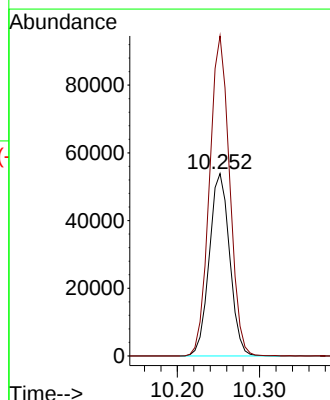
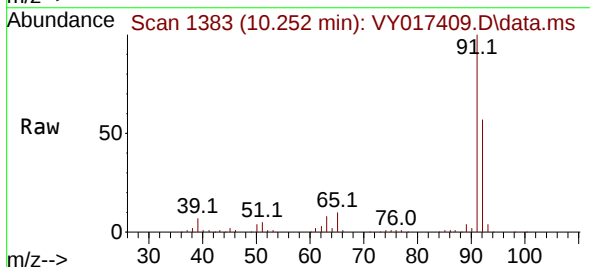
Manual Integrations
APPROVED

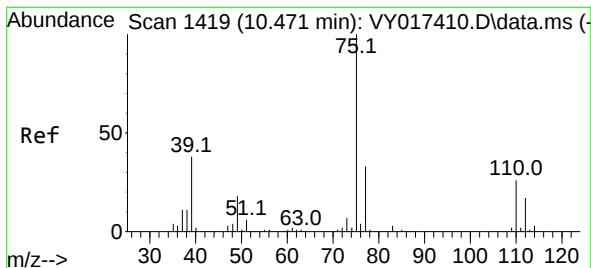
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#52
Toluene
Concen: 19.412 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

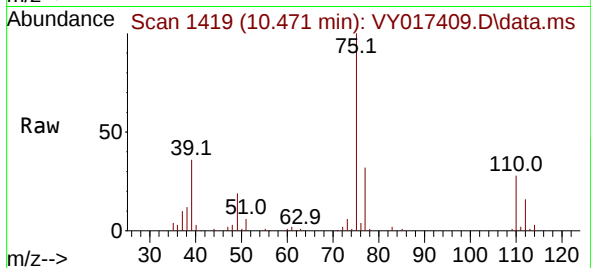
Tgt Ion: 92 Resp: 92683
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6





#53
 t-1,3-Dichloropropene
 Concen: 19.316 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017409.D
 Acq: 19 Feb 2024 17:26

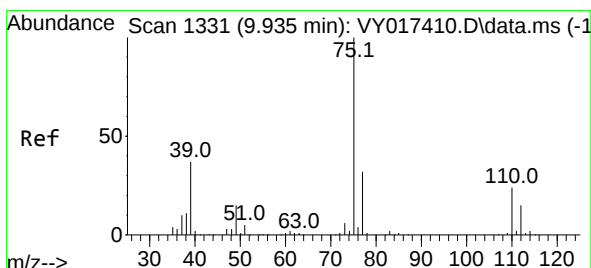
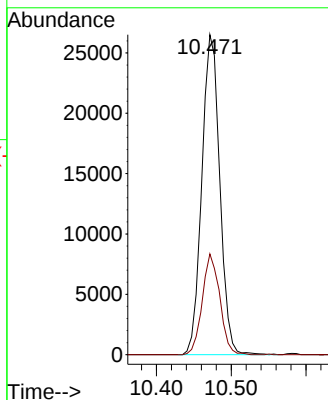
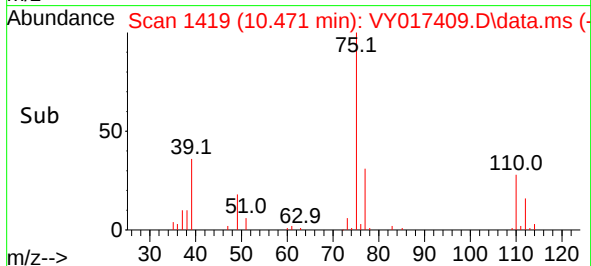
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 4418
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1

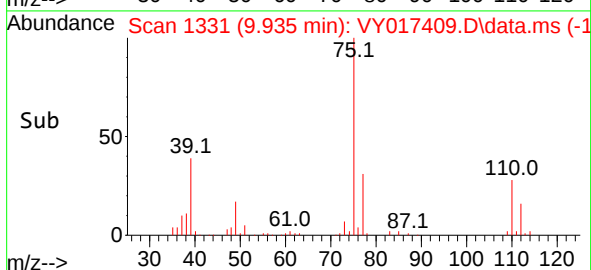
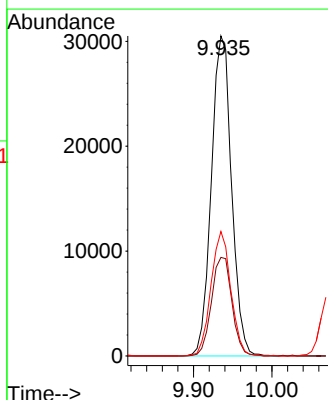
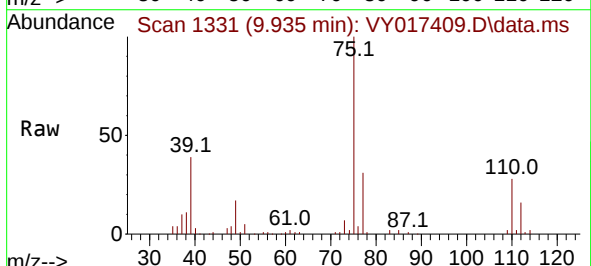
Manual Integrations
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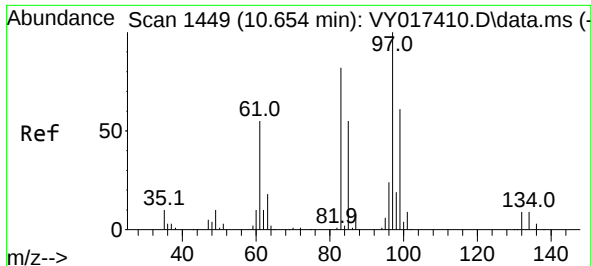
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.490 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017409.D
 Acq: 19 Feb 2024 17:26

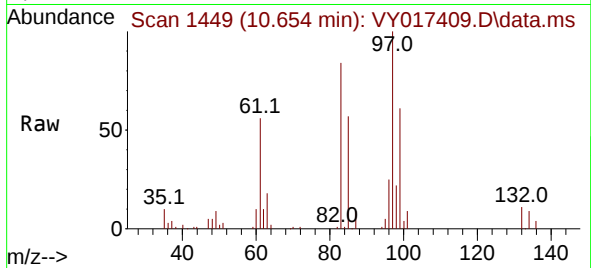
Tgt Ion: 75 Resp: 54701
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 38.9 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 19.591 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

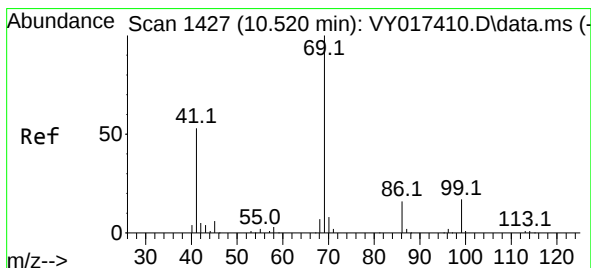
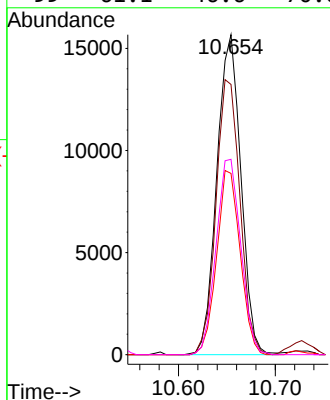
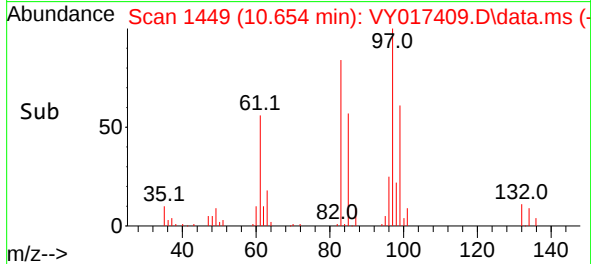
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



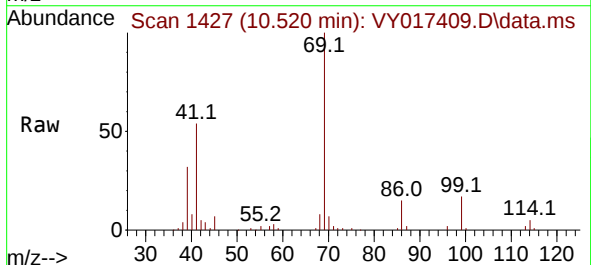
Tgt Ion:	97	Resp:	27085
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.5	101.3
85	56.6	42.9	64.3
99	61.1	46.6	70.0

Manual Integrations
APPROVED

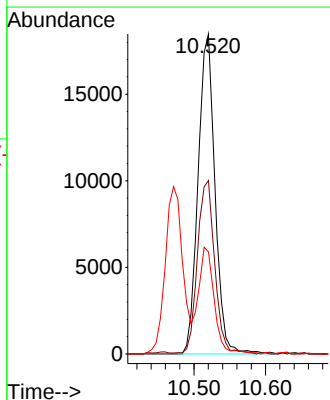
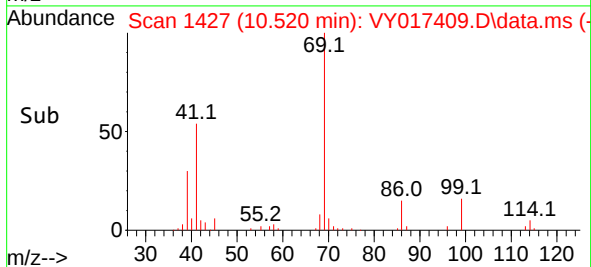
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

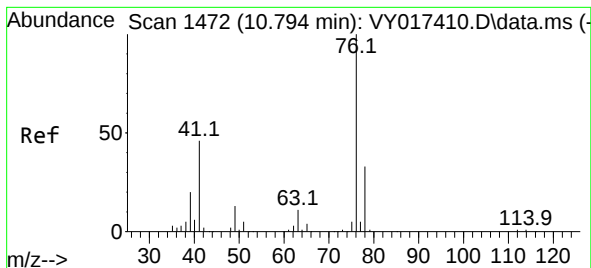


#56
Ethyl methacrylate
Concen: 19.818 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



Tgt Ion:	69	Resp:	30357
Ion	Ratio	Lower	Upper
69	100		
41	55.6	42.3	63.5
39	31.4	22.9	34.3





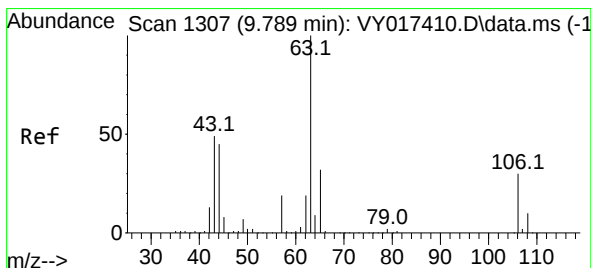
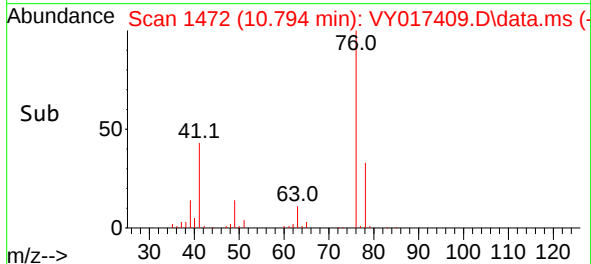
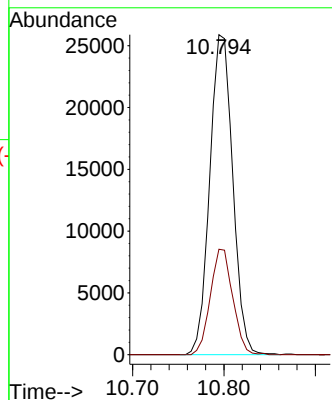
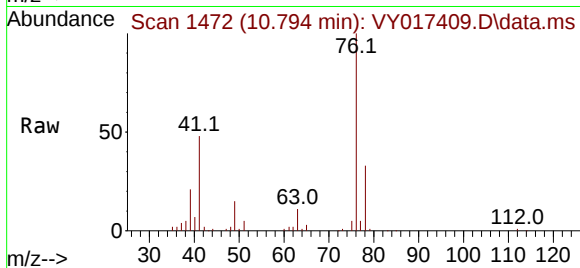
#57
1,3-Dichloropropane
Concen: 19.764 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 4521
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4

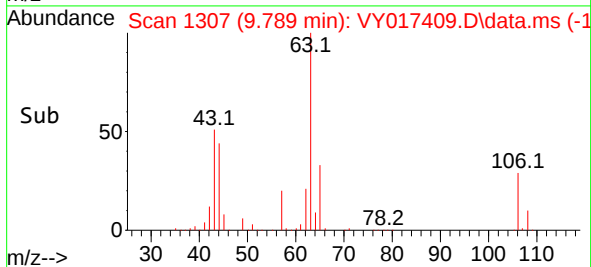
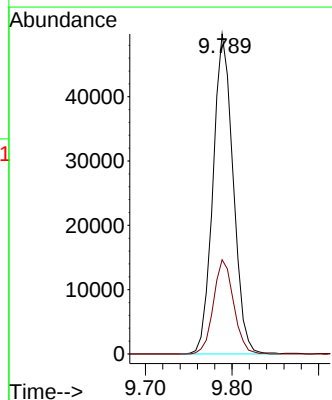
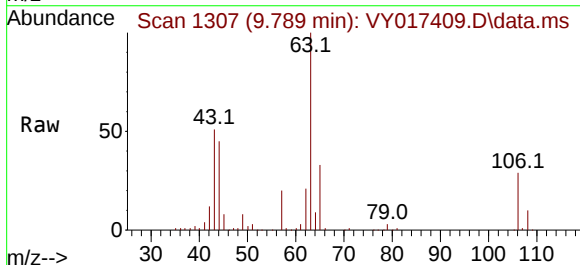
Manual Integrations
APPROVED

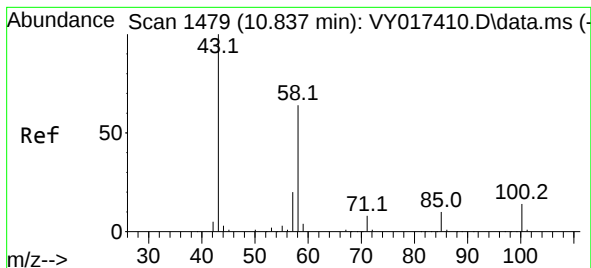
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 97.440 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 63 Resp: 80493
Ion Ratio Lower Upper
63 100
106 29.4 23.7 35.5





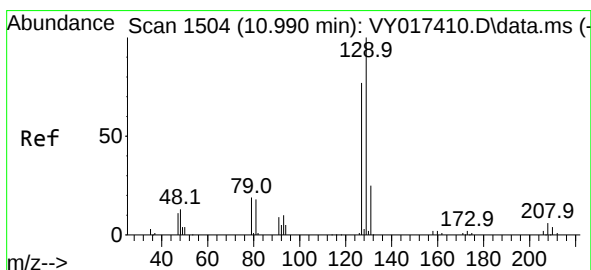
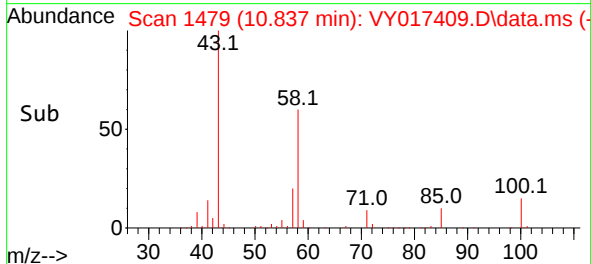
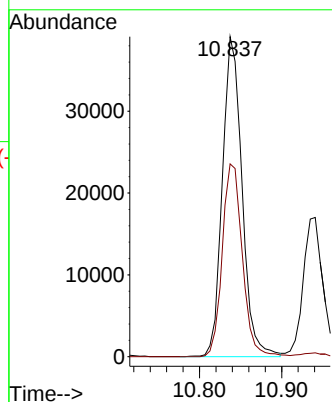
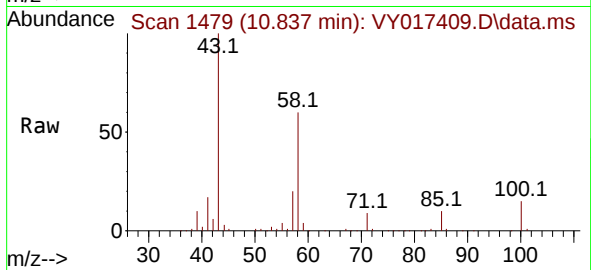
#59
2-Hexanone
Concen: 101.588 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 6494
Ion Ratio Lower Upper
43 100
58 61.5 31.4 94.0

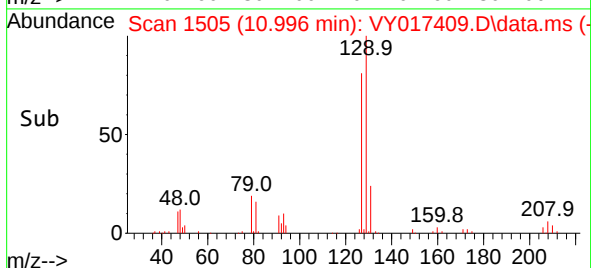
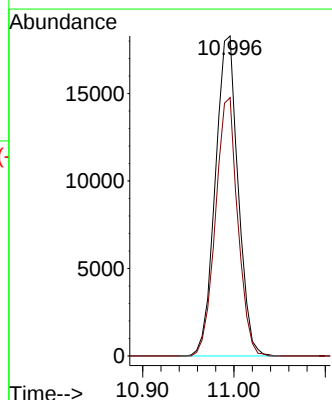
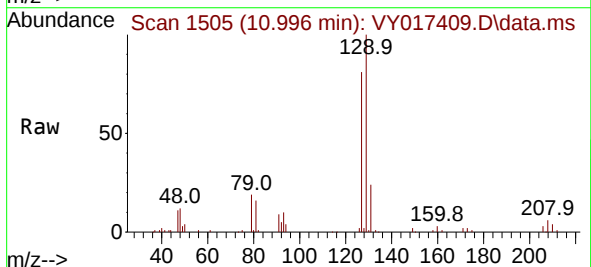
Manual Integrations
APPROVED

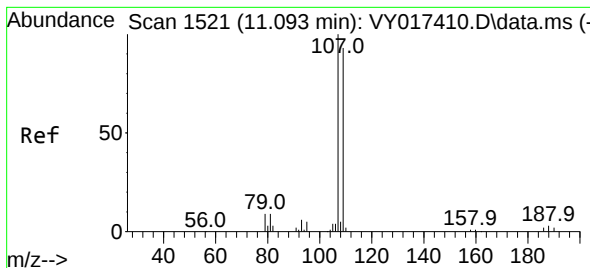
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#60
Dibromochloromethane
Concen: 19.260 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion:129 Resp: 31653
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





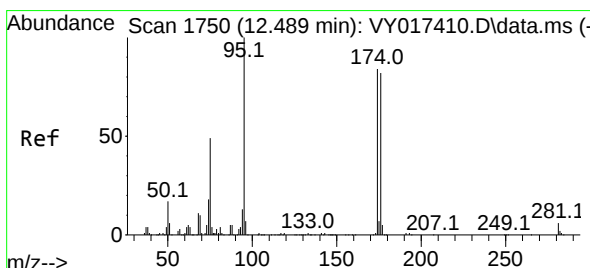
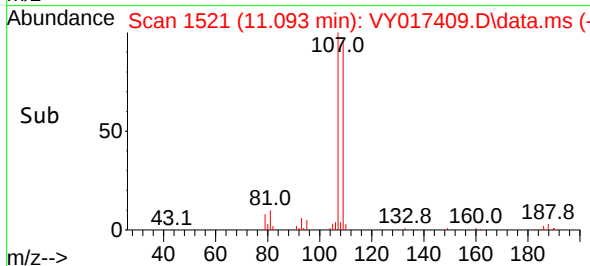
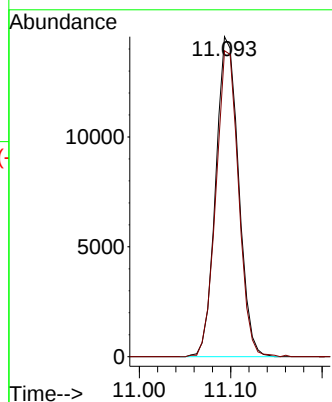
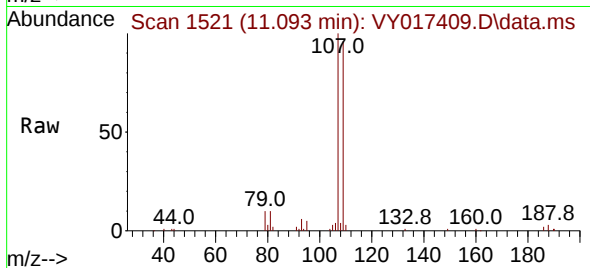
#61
1,2-Dibromoethane
Concen: 19.531 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 2526
Ion Ratio Lower Upper
107 100
109 94.6 75.9 113.9

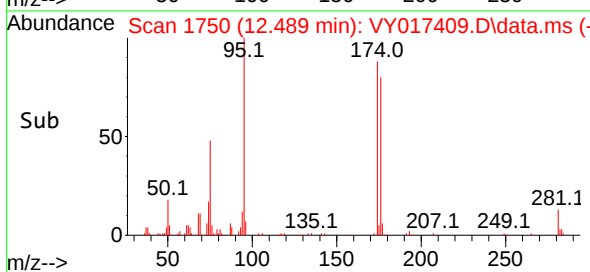
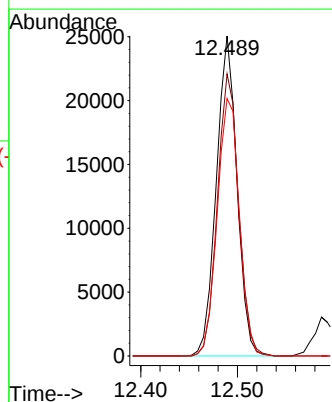
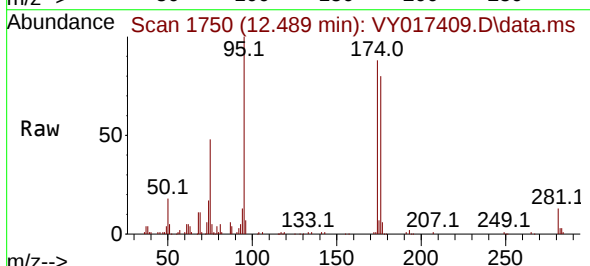
Manual Integrations
APPROVED

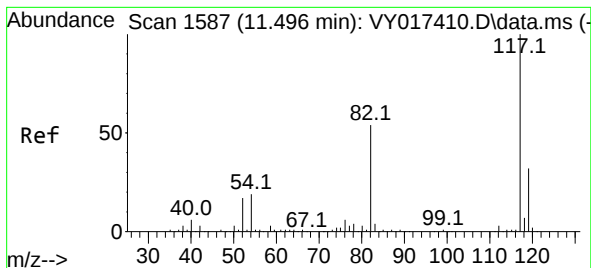
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#62
4-Bromofluorobenzene
Concen: 19.410 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

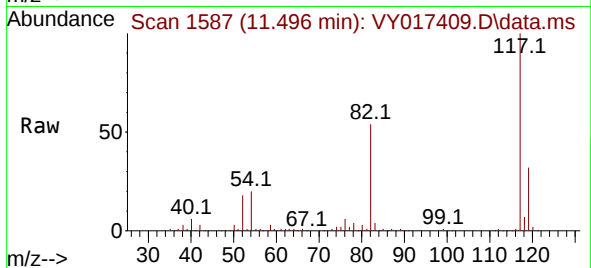
Tgt Ion: 95 Resp: 37129
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 86.2 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

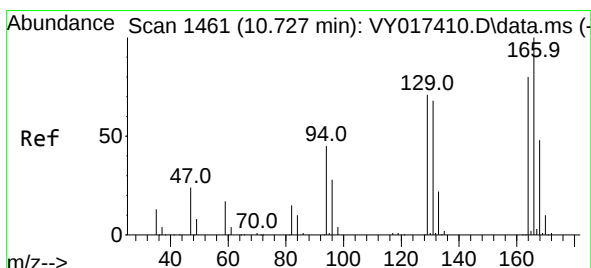
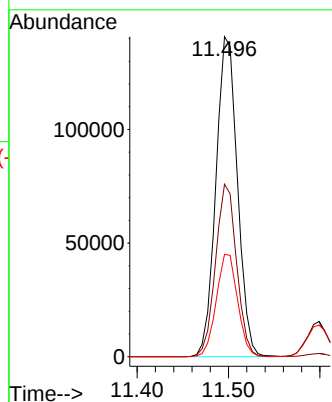
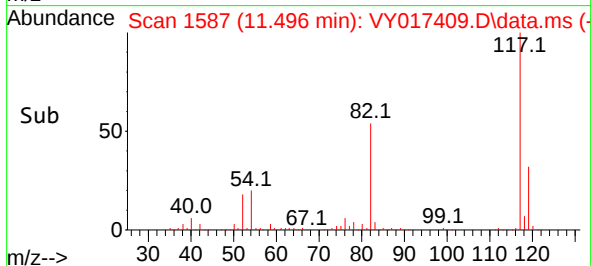
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



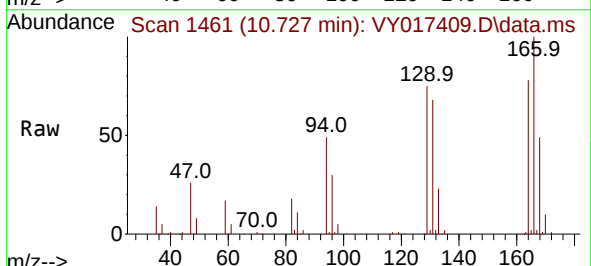
Tgt Ion:117 Resp: 230725
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 32.0 25.9 38.9

Manual Integrations
APPROVED

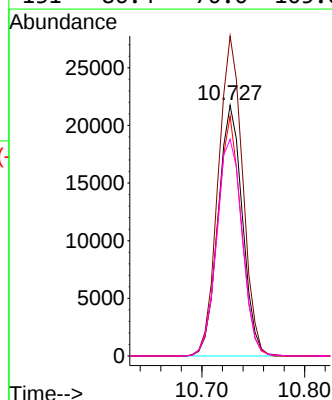
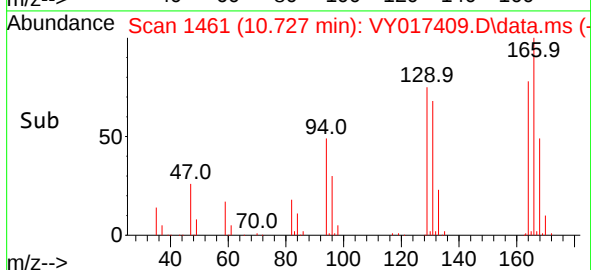
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

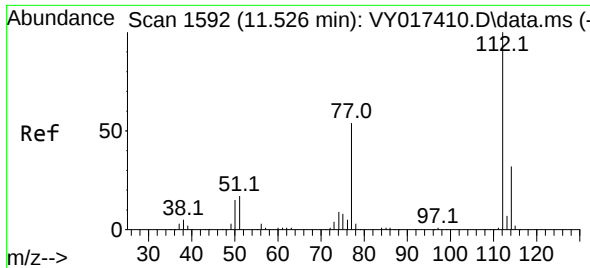


#64
Tetrachloroethene
Concen: 19.338 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



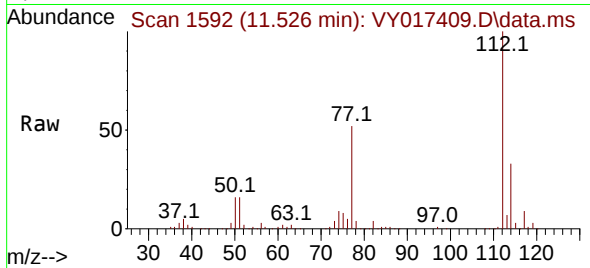
Tgt Ion:164 Resp: 35708
Ion Ratio Lower Upper
164 100
166 127.7 102.6 154.0
129 95.7 72.0 108.0
131 86.4 70.0 105.0





#65
Chlorobenzene
Concen: 19.602 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

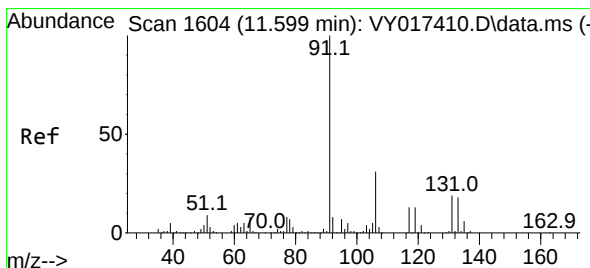
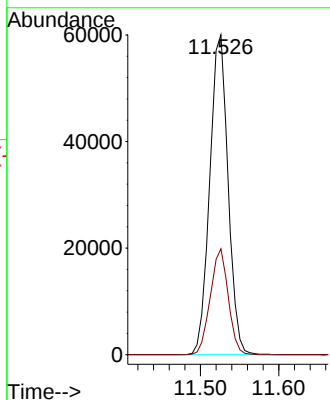
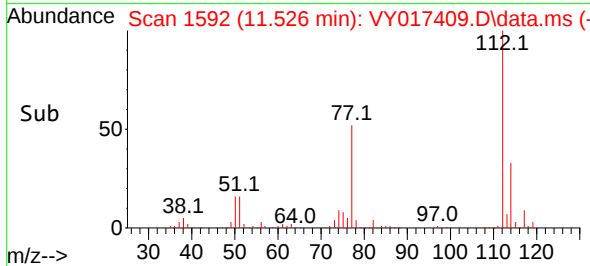
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 97434
Ion Ratio Lower Upper
112 100
114 33.1 26.4 39.6

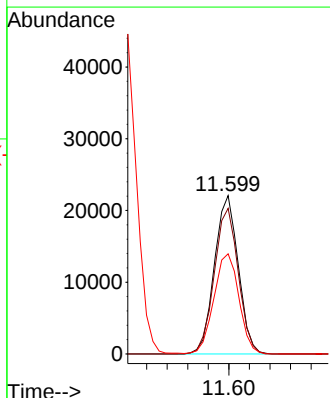
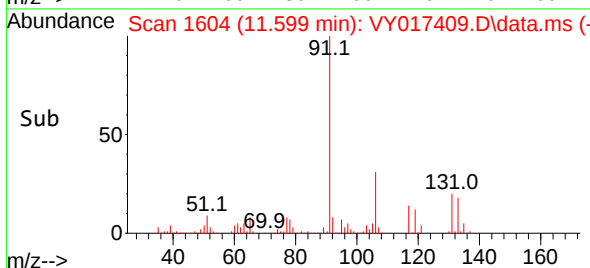
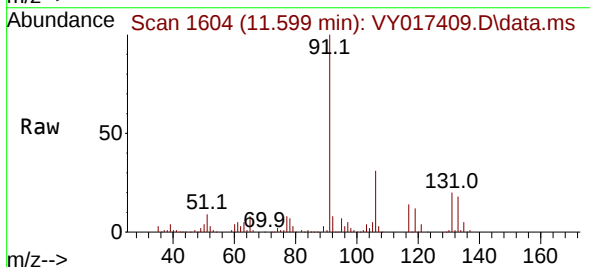
Manual Integrations
APPROVED

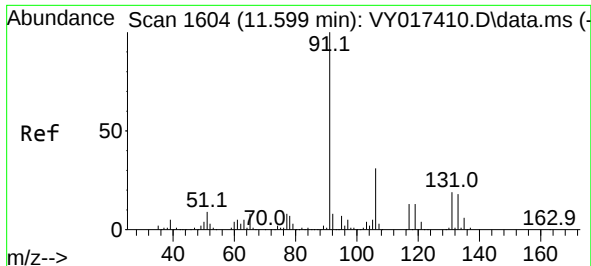
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.160 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

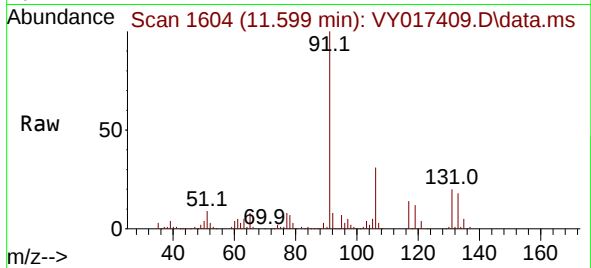
Tgt Ion:131 Resp: 35465
Ion Ratio Lower Upper
131 100
133 92.9 47.8 143.3
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 19.345 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

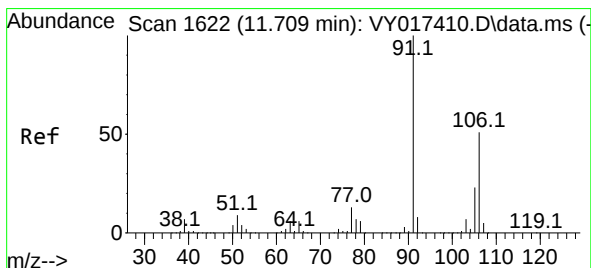
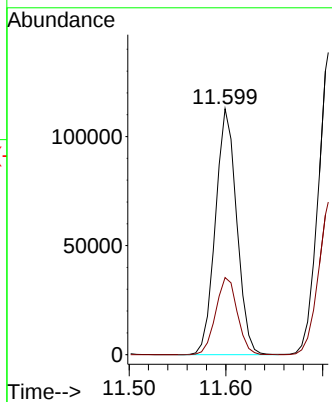
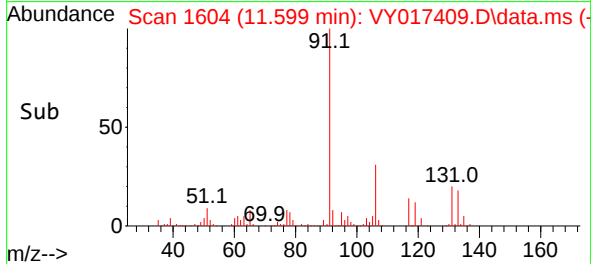
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



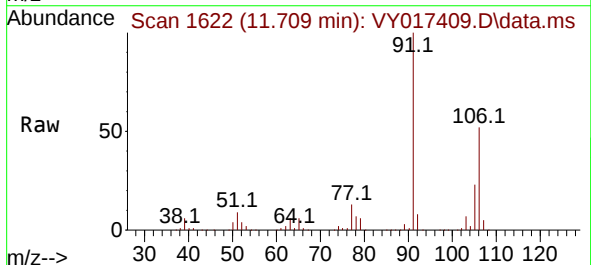
Tgt Ion: 91 Resp: 171974
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

Manual Integrations
APPROVED

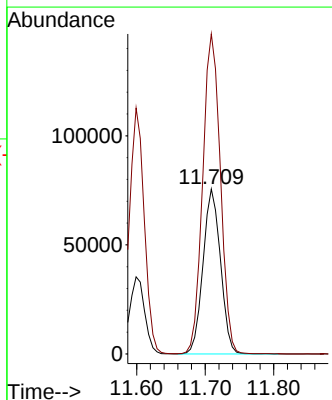
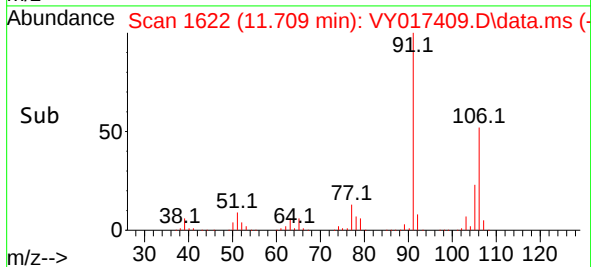
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

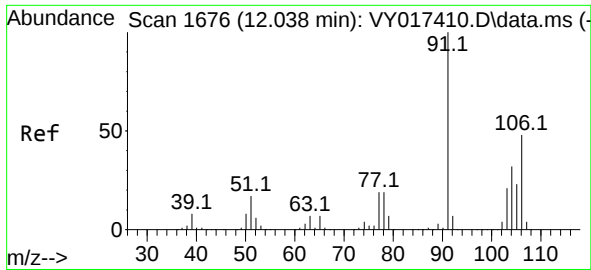


#68
m/p-Xylenes
Concen: 38.352 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



Tgt Ion:106 Resp: 134027
Ion Ratio Lower Upper
106 100
91 196.4 156.0 234.0





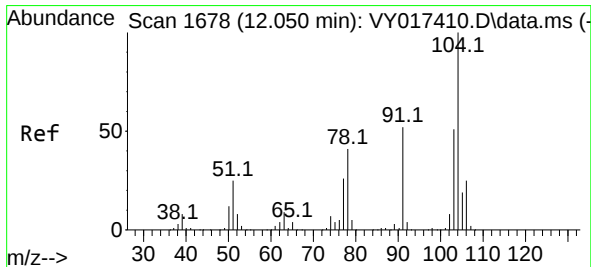
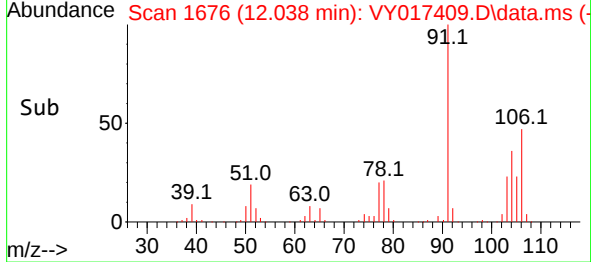
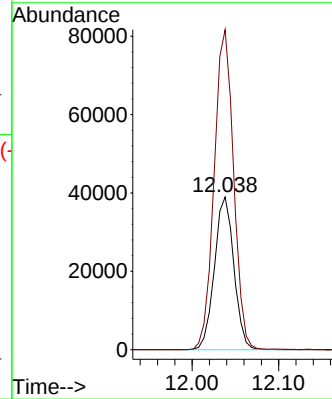
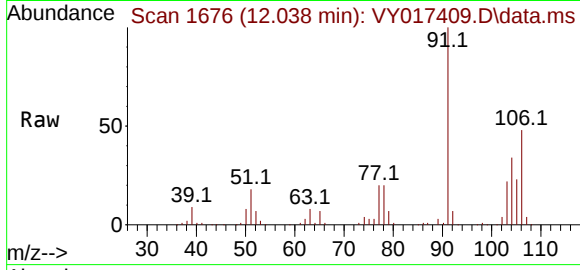
#69
o-Xylene
Concen: 18.946 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 60740
Ion Ratio Lower Upper
106 100
91 210.0 103.6 310.8

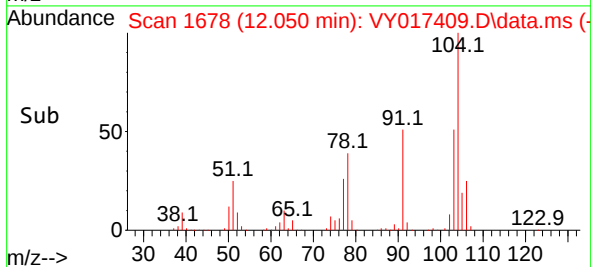
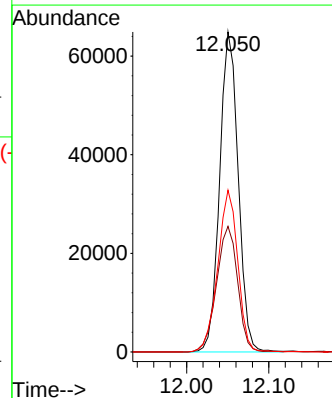
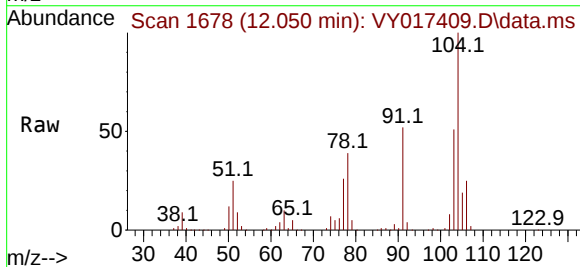
Manual Integrations
APPROVED

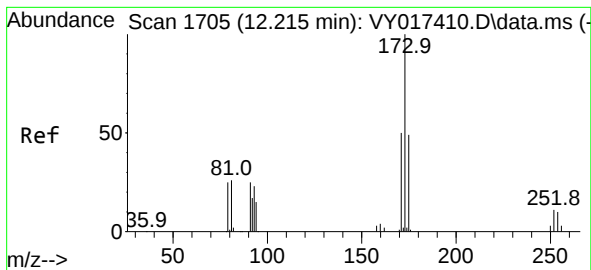
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#70
Styrene
Concen: 19.370 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion:104 Resp: 101996
Ion Ratio Lower Upper
104 100
78 44.7 37.0 55.4
103 54.5 44.2 66.2





#71

Bromoform

Concen: 19.658 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

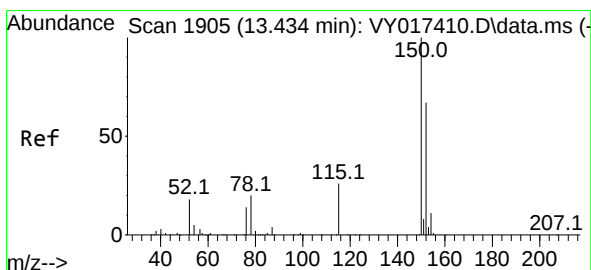
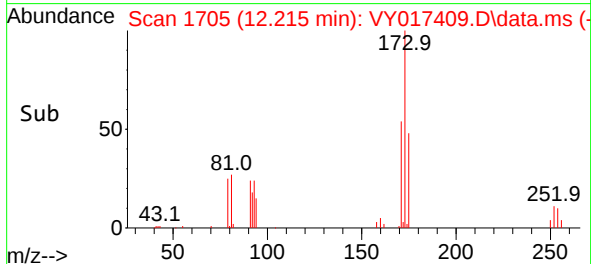
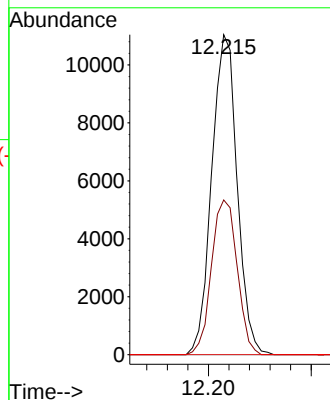
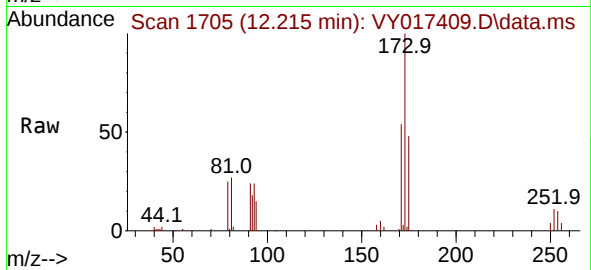
VSTDICC020

Tgt Ion:	173	Resp:	1893
Ion Ratio	Lower	Upper	
173	100		
175	48.8	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

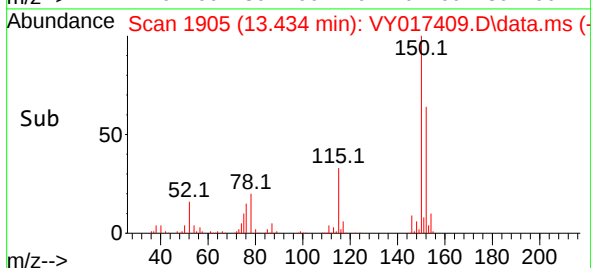
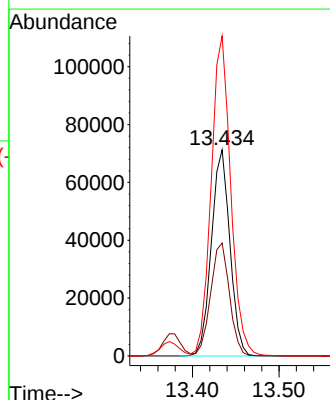
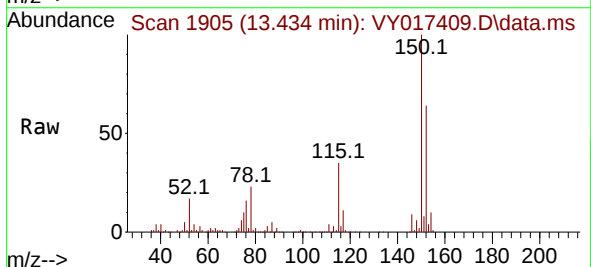
RT: 13.434 min Scan# 1905

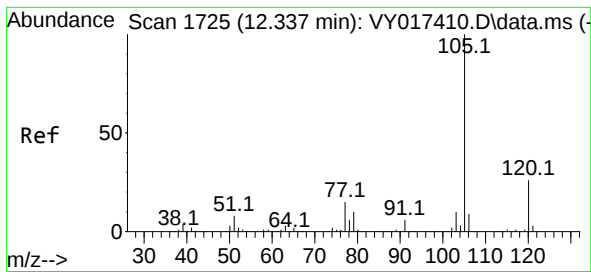
Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Tgt Ion:	152	Resp:	105903
Ion Ratio	Lower	Upper	
152	100		
115	55.9	28.2	84.7
150	163.7	0.0	345.6





#73

Isopropylbenzene

Concen: 19.493 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 159450

Ion Ratio Lower Upper

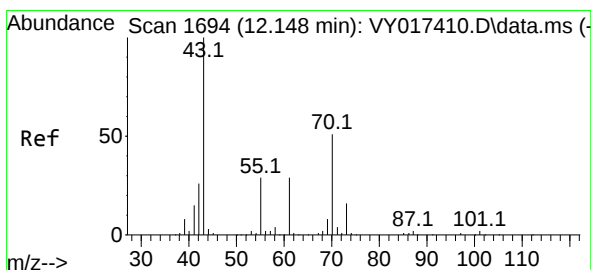
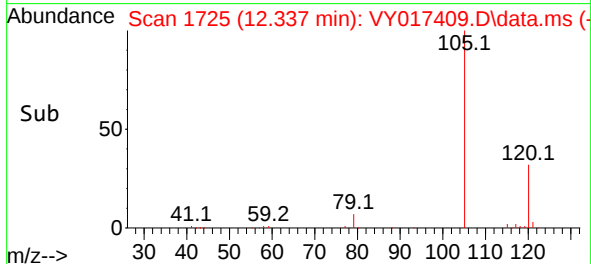
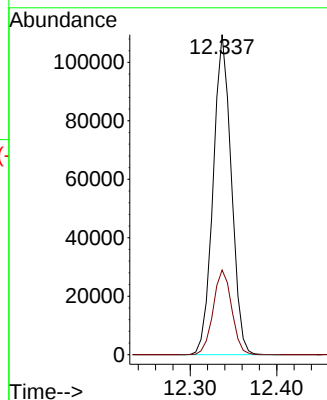
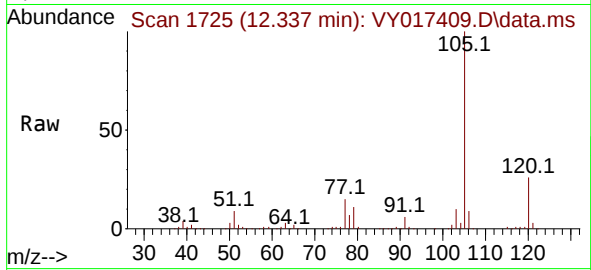
105 100

120 26.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#74

N-ethyl acetate

Concen: 20.116 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Tgt Ion: 43 Resp: 28653

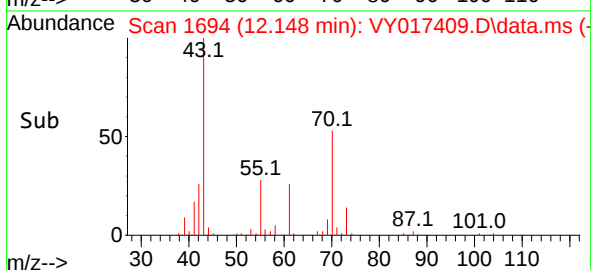
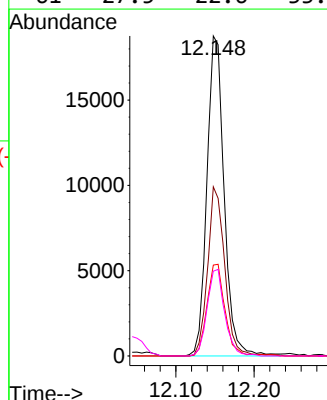
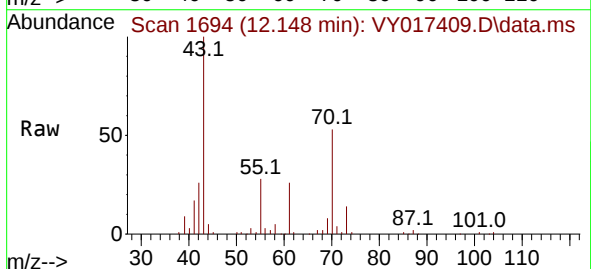
Ion Ratio Lower Upper

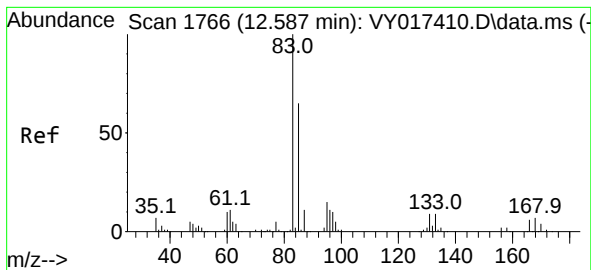
43 100

70 52.5 41.4 62.2

55 30.0 23.3 34.9

61 27.5 22.6 33.8





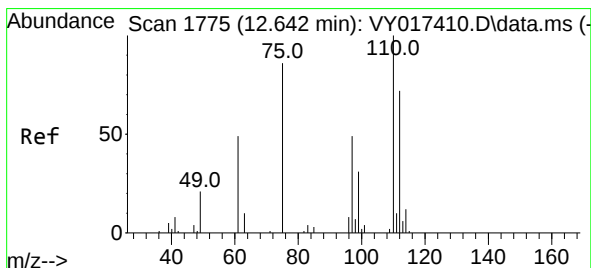
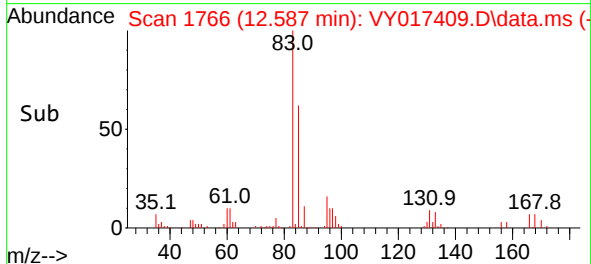
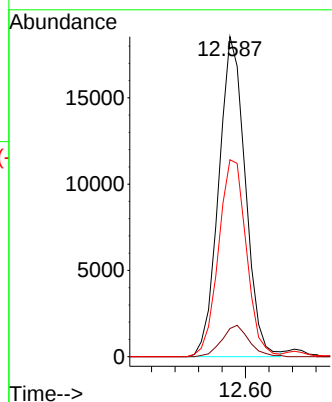
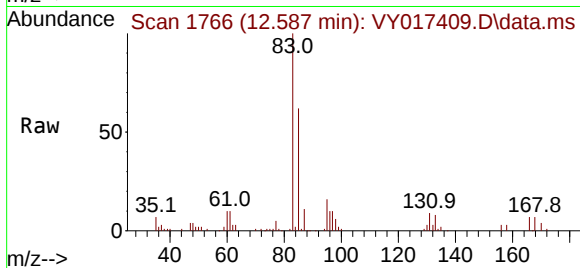
#75
1,1,2,2-Tetrachloroethane
Concen: 19.942 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 29150
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.5 32.0 96.0

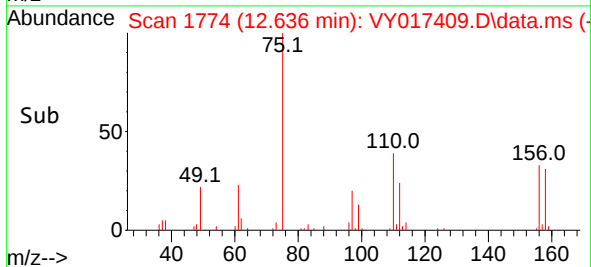
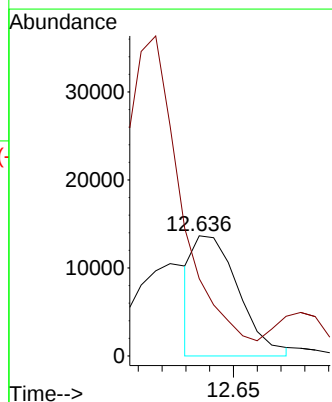
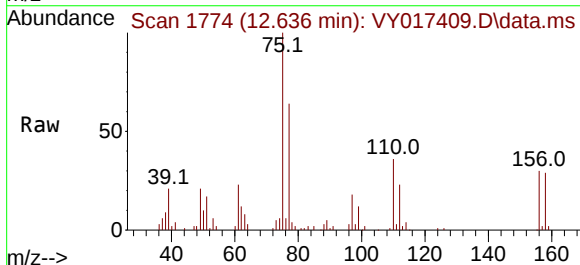
Manual Integrations
APPROVED

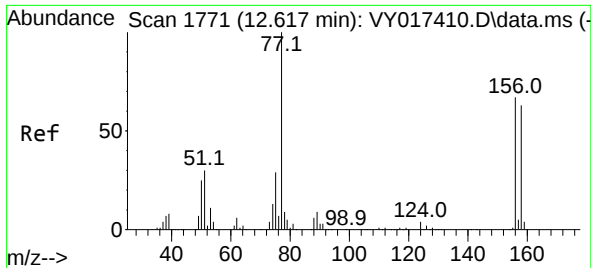
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 17.397 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 75 Resp: 17912
Ion Ratio Lower Upper
75 100
77 356.8 0.0 0.0#





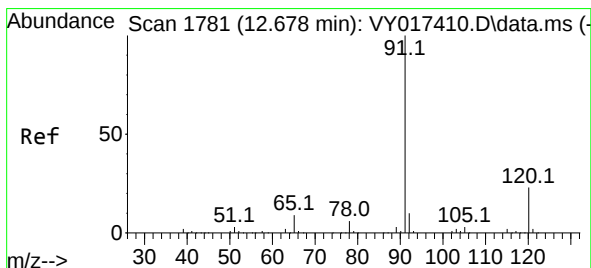
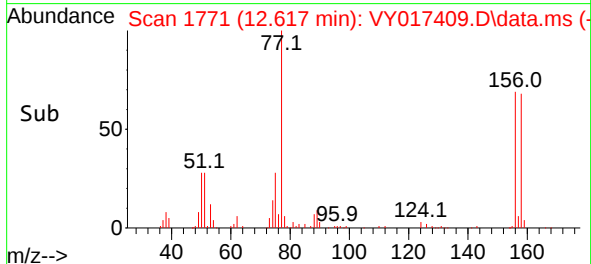
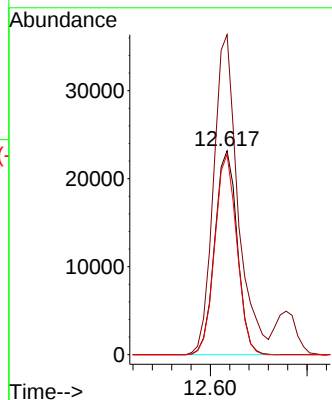
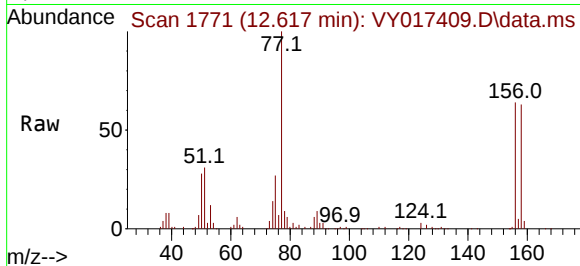
#77
Bromobenzene
Concen: 19.500 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 3741
Ion Ratio Lower Upper
156 100
77 170.8 87.1 261.3
158 96.2 48.6 145.9

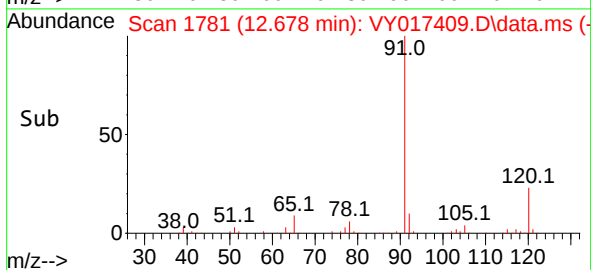
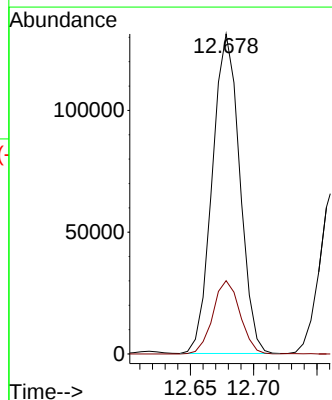
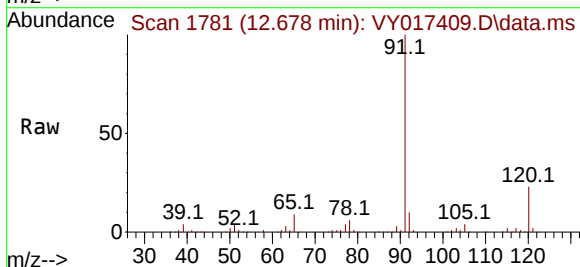
Manual Integrations
APPROVED

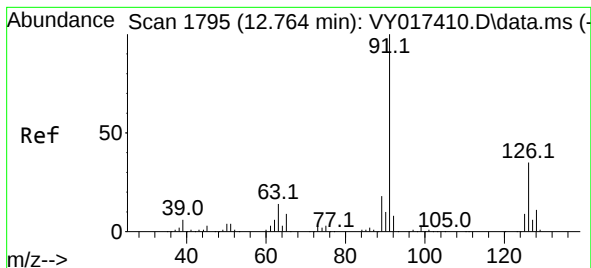
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#78
n-propylbenzene
Concen: 19.997 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion: 91 Resp: 197865
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.829 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 108035

Ion Ratio Lower Upper

91 100

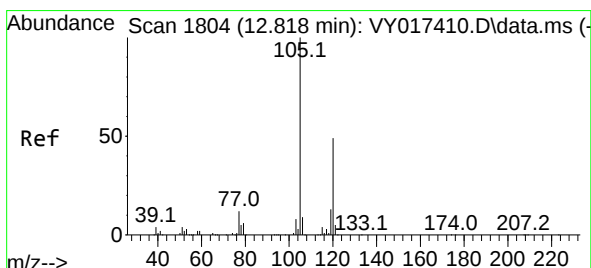
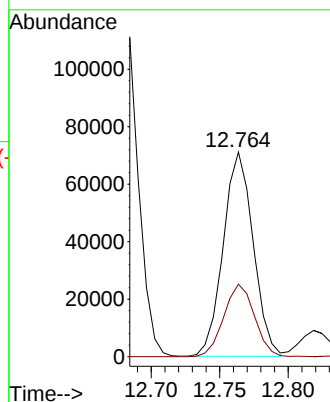
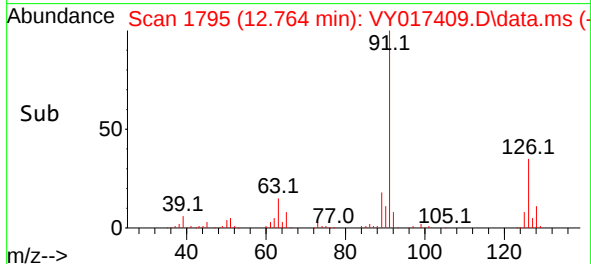
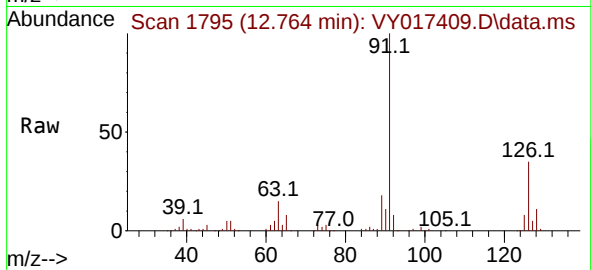
126 36.3 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.770 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017409.D

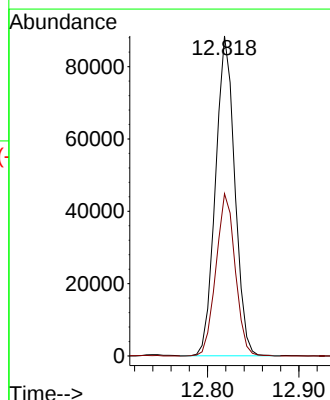
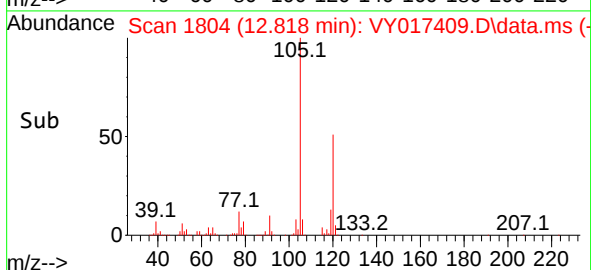
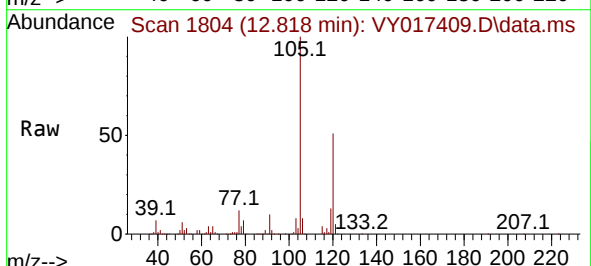
Acq: 19 Feb 2024 17:26

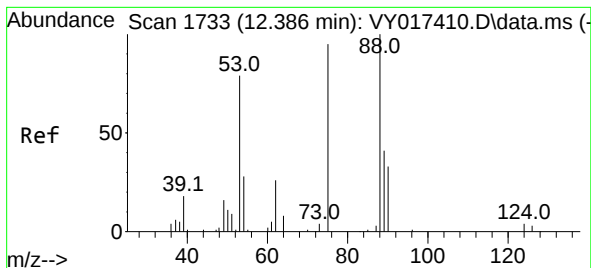
Tgt Ion:105 Resp: 129358

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2





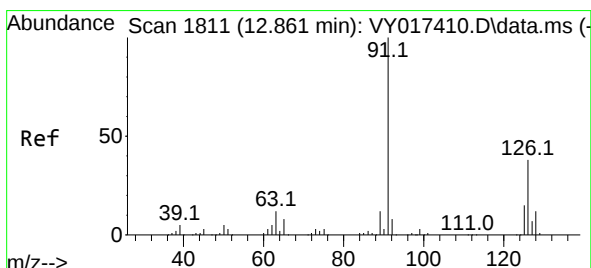
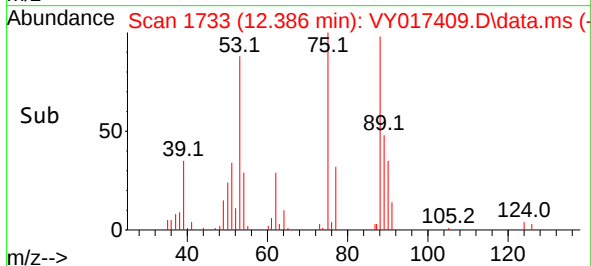
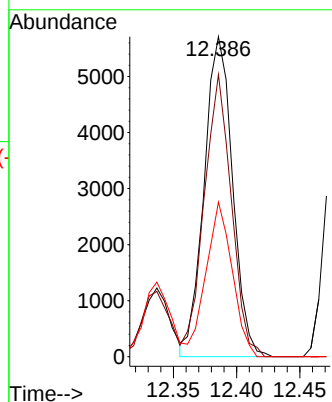
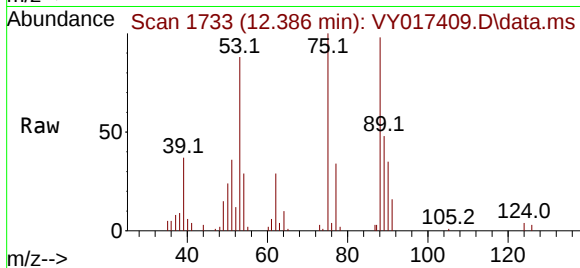
#81
trans-1,4-Dichloro-2-butene
Concen: 20.265 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 892
Ion Ratio Lower Upper
75 100
53 84.6 66.8 100.2
89 44.2 35.8 53.6

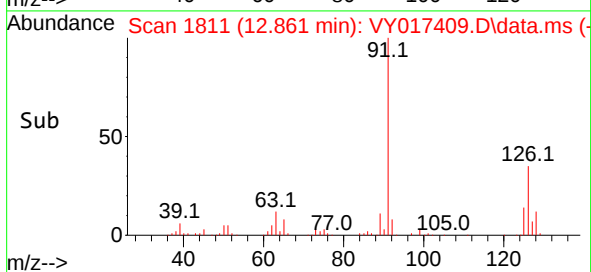
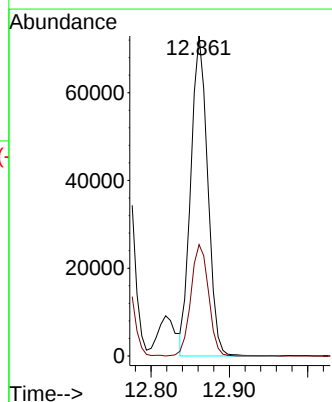
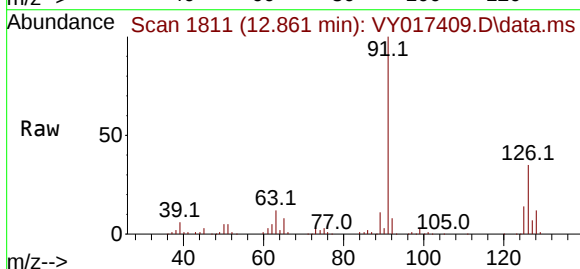
Manual Integrations
APPROVED

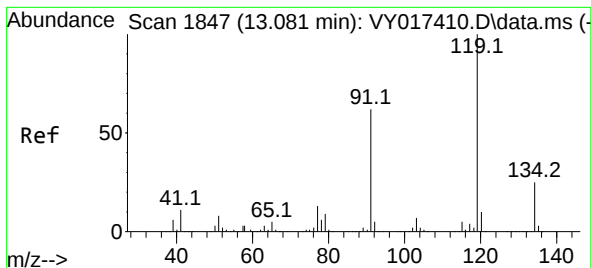
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#82
4-Chlorotoluene
Concen: 19.437 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

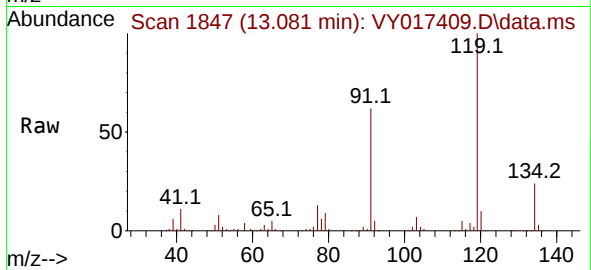
Tgt Ion: 91 Resp: 109279
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83
tert-Butylbenzene
Concen: 19.597 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

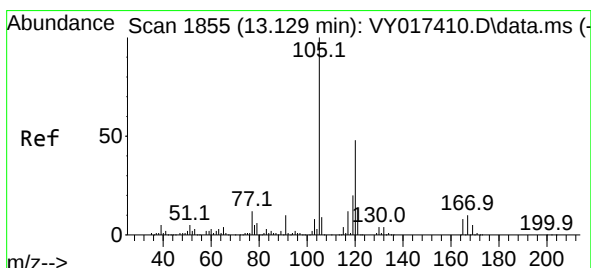
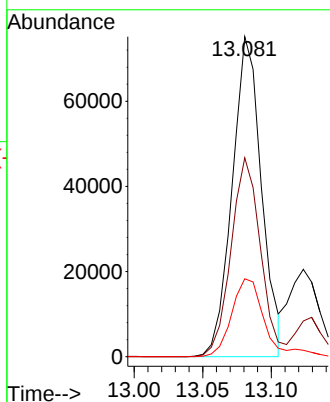
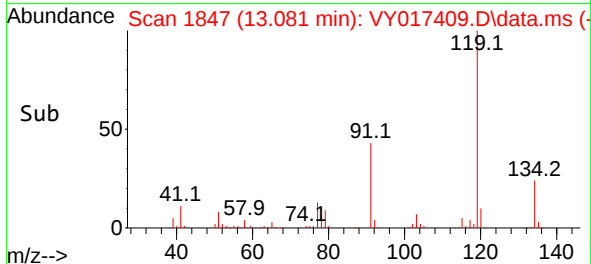
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



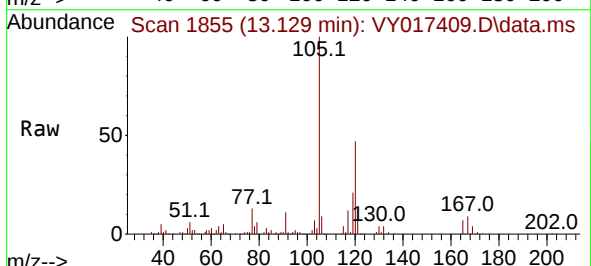
Tgt Ion:119 Resp: 111970
Ion Ratio Lower Upper
119 100
91 62.7 31.3 93.8
134 27.4 13.4 40.1

Manual Integrations
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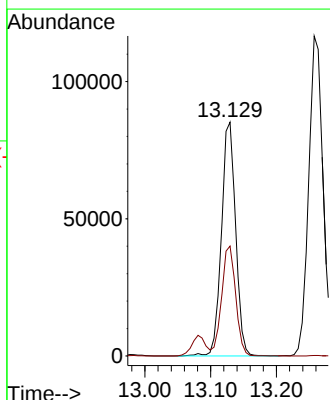
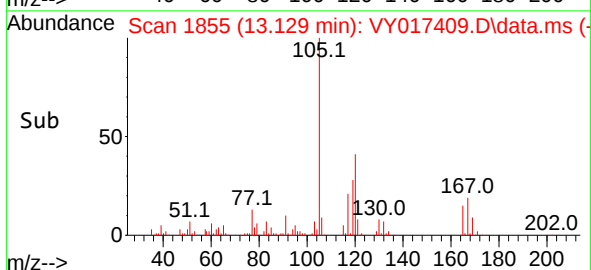
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

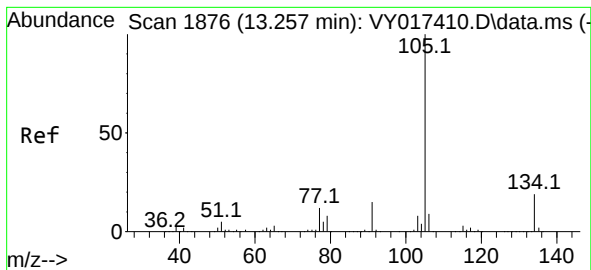


#84
1,2,4-Trimethylbenzene
Concen: 19.745 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



Tgt Ion:105 Resp: 127989
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.014 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 175639

Ion Ratio Lower Upper

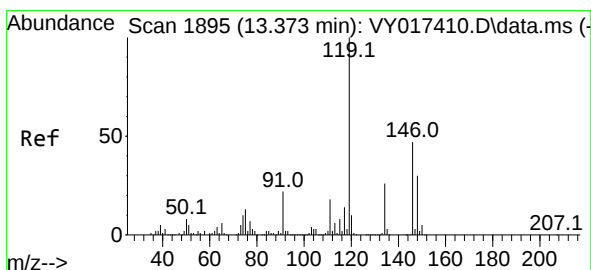
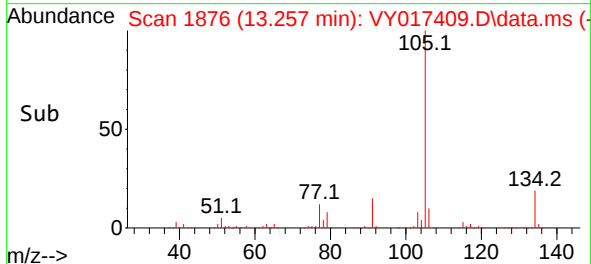
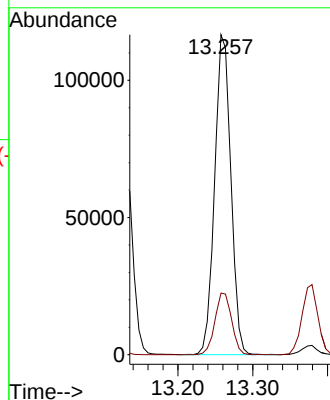
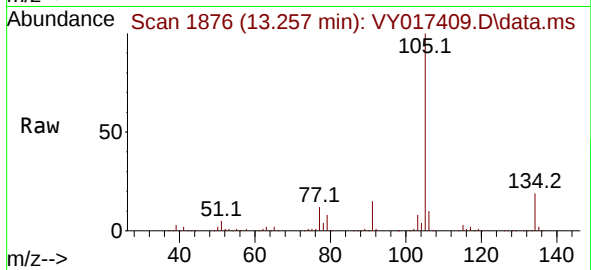
105 100

134 19.8 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#86

p-Isopropyltoluene

Concen: 19.595 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

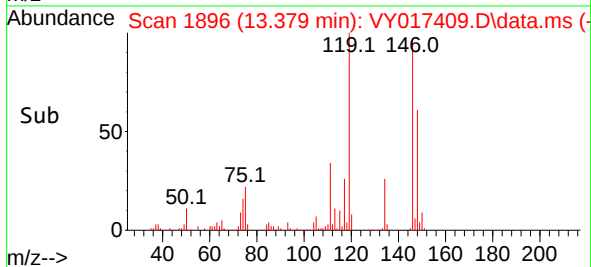
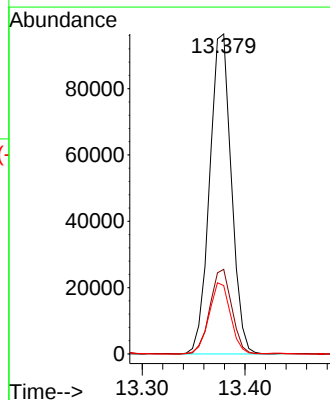
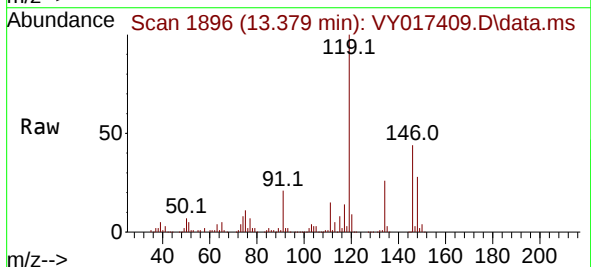
Tgt Ion:119 Resp: 141632

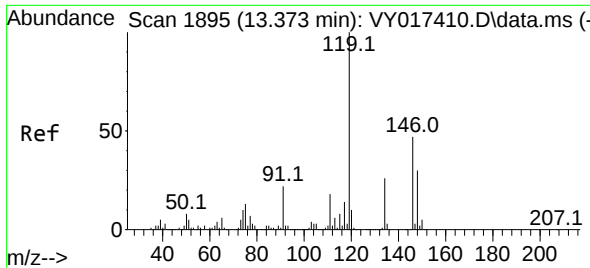
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 22.1 10.7 32.1





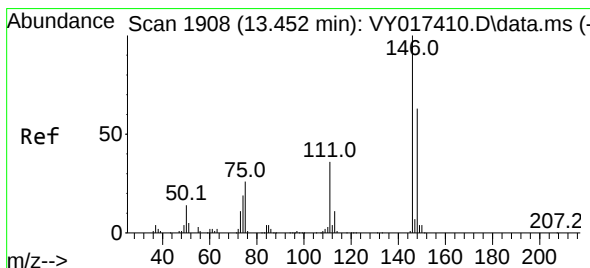
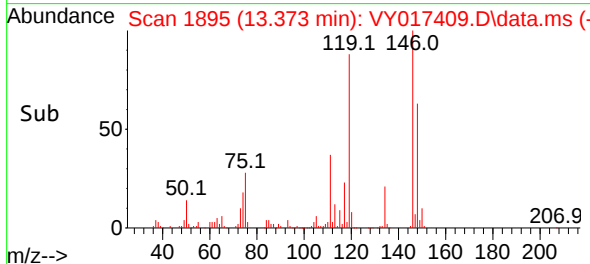
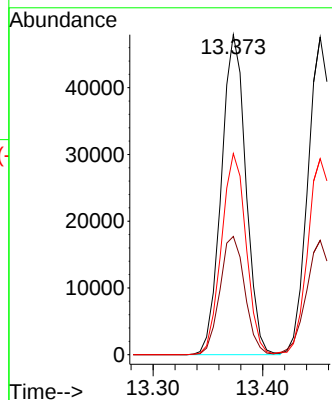
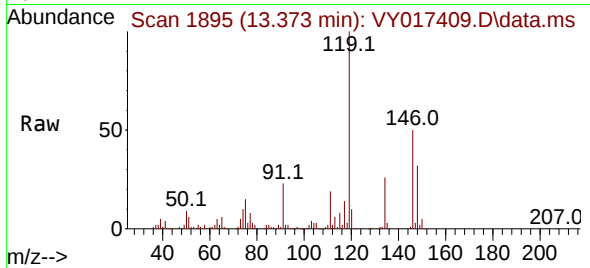
#87
1,3-Dichlorobenzene
Concen: 19.206 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 74414
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 63.1 31.7 95.1

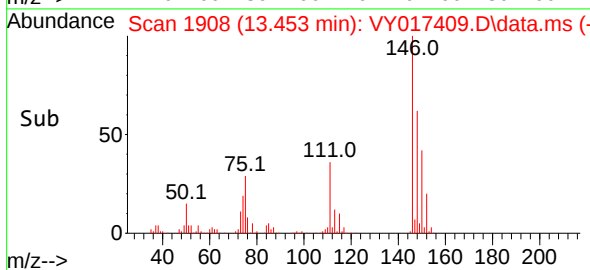
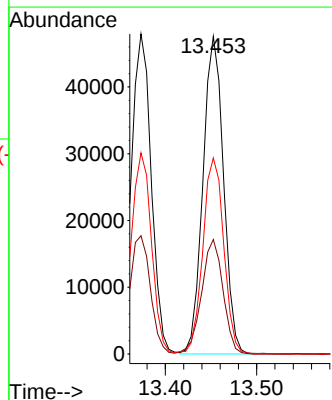
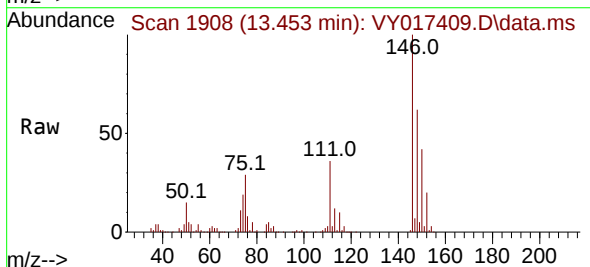
Manual Integrations
APPROVED

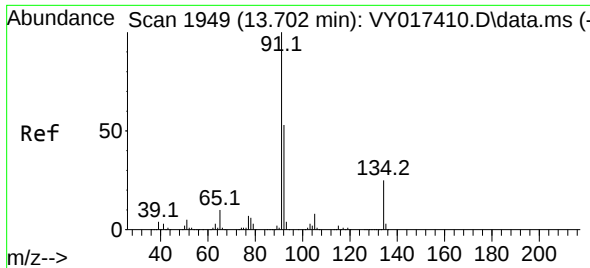
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#88
1,4-Dichlorobenzene
Concen: 19.900 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Tgt Ion:146 Resp: 74446
Ion Ratio Lower Upper
146 100
111 37.5 18.4 55.4
148 62.8 32.4 97.2





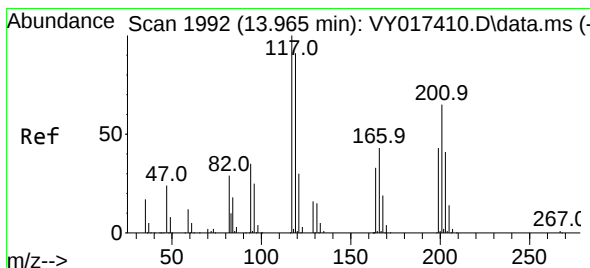
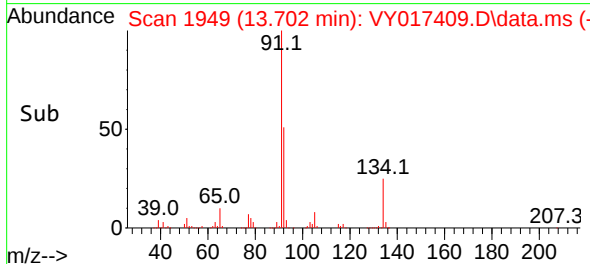
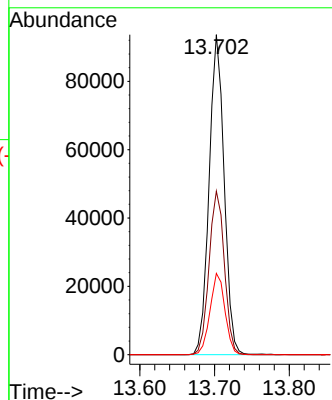
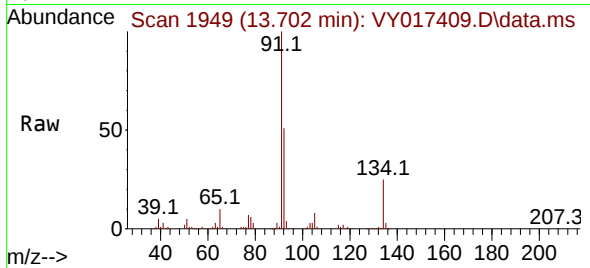
#89
n-Butylbenzene
Concen: 19.858 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 130549
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.7
134 25.3 12.9 38.7

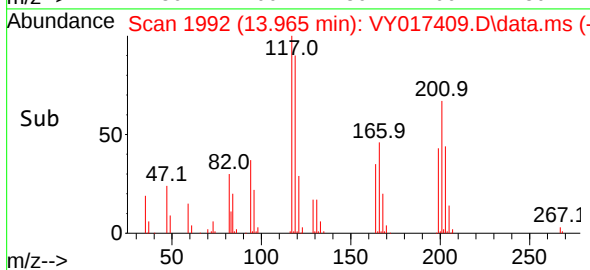
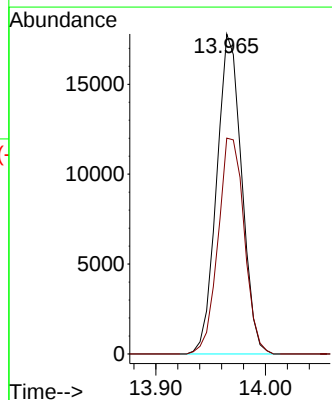
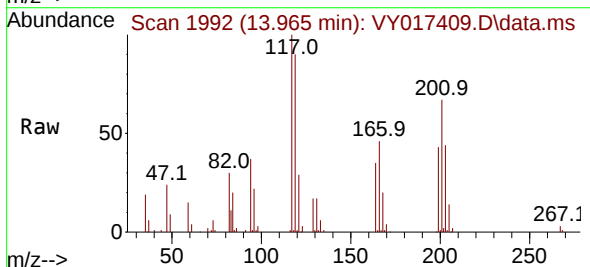
Manual Integrations
APPROVED

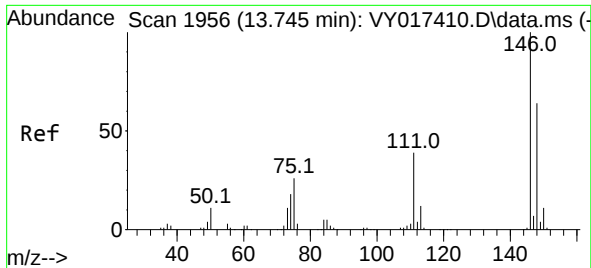
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#90
Hexachloroethane
Concen: 19.879 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

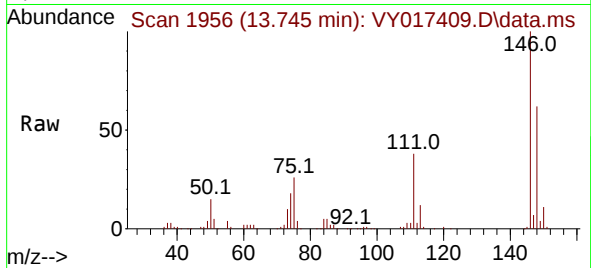
Tgt Ion:117 Resp: 28155
Ion Ratio Lower Upper
117 100
201 71.0 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 19.536 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26

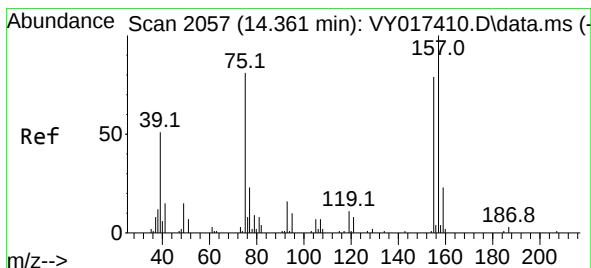
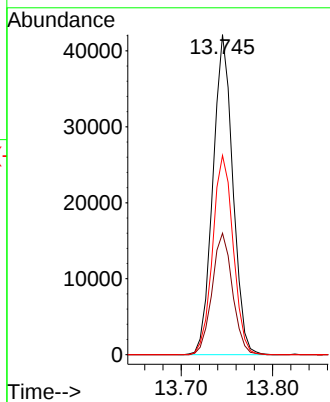
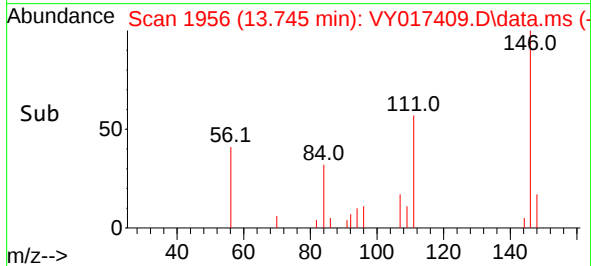
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



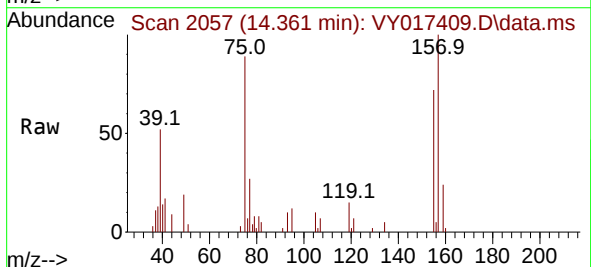
Tgt Ion:146 Resp: 63712
Ion Ratio Lower Upper
146 100
111 38.9 19.9 59.7
148 64.2 31.8 95.4

Manual Integrations
APPROVED

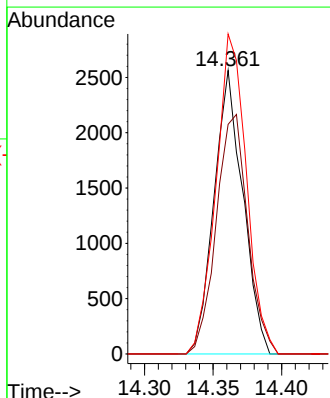
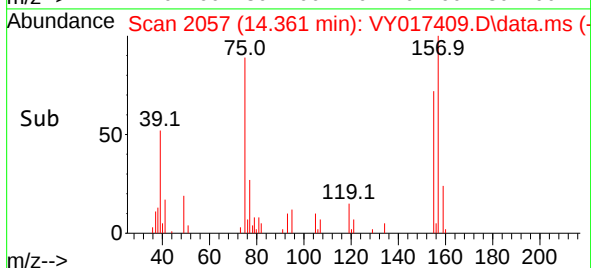
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

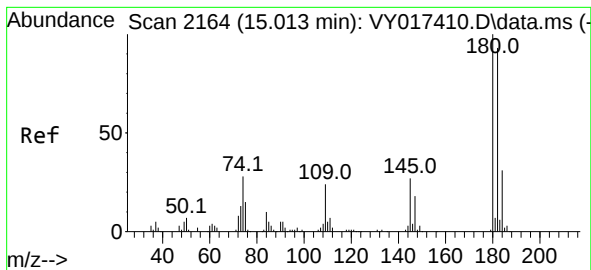


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.298 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017409.D
Acq: 19 Feb 2024 17:26



Tgt Ion: 75 Resp: 3751
Ion Ratio Lower Upper
75 100
155 92.2 48.6 145.8
157 119.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.932 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

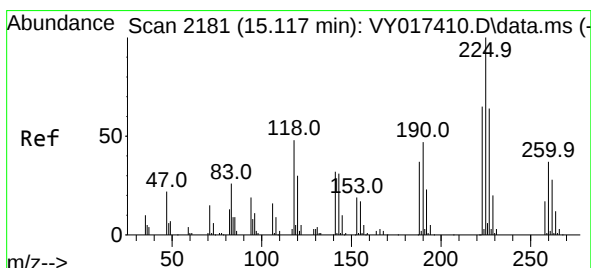
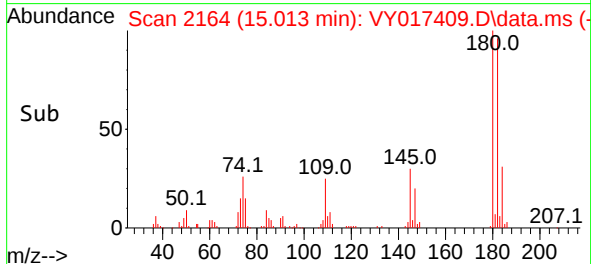
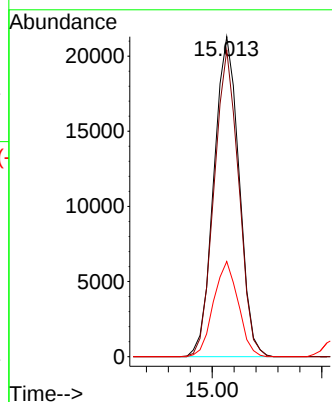
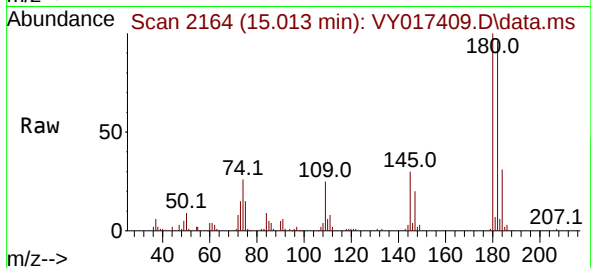
VSTDICC020

Tgt Ion:180	Resp:	3398
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.9 143.8
145	29.2	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#94

Hexachlorobutadiene

Concen: 20.762 ug/l

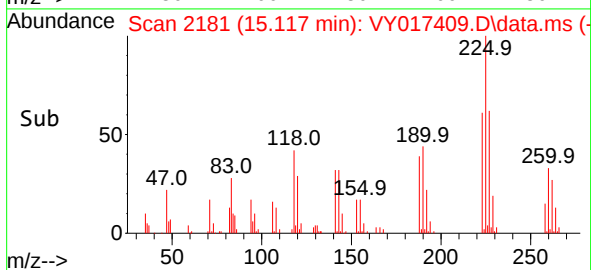
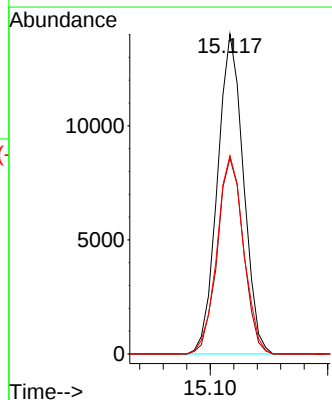
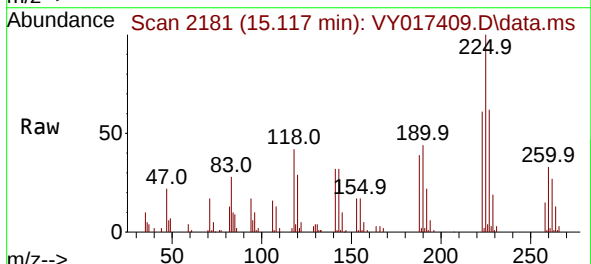
RT: 15.117 min Scan# 2181

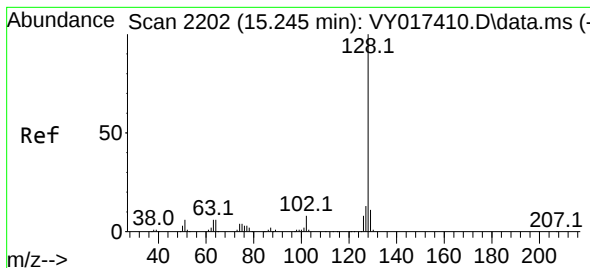
Delta R.T. 0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Tgt Ion:225	Resp:	21532
Ion Ratio	Lower	Upper
225	100	
223	61.2	30.4 91.2
227	63.3	31.9 95.9





#95

Naphthalene

Concen: 19.563 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

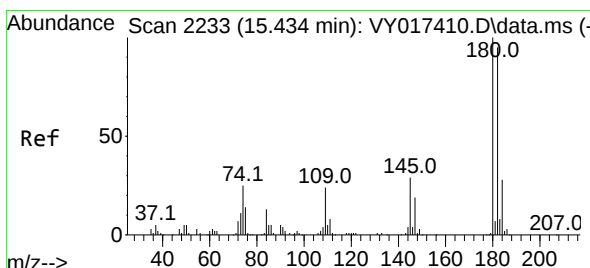
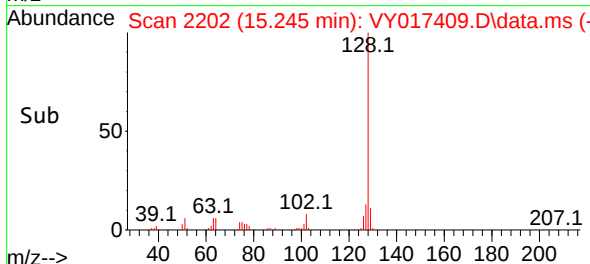
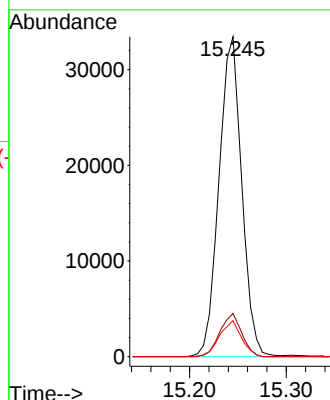
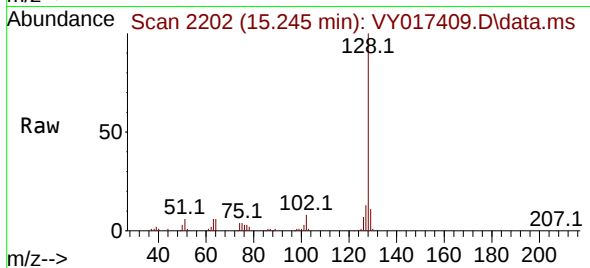
VSTDICC020

Tgt Ion:	128	Resp:	5461
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.778 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017409.D

Acq: 19 Feb 2024 17:26

Tgt Ion:	180	Resp:	28354
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.6	142.9
145	30.7	15.4	46.1

