

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039539.D
 Acq On : 17 Aug 2022 5:35
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

Quant Time: Aug 17 06:07:03 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.204	49	1097485	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2902482	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2640756	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.776 95 2018832 10.296 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	93277m	0.603	ppbv	
3) Chlorodifluoromethane	2.693	51	69885	0.507	ppbv	99
4) Chloromethane	2.834	50	42402m	0.553	ppbv	
5) Vinyl Chloride	2.944	62	34759m	0.465	ppbv	
6) Bromomethane	3.137	94	14634	0.477	ppbv	91
7) Chloroethane	3.214	64	12211	0.463	ppbv	93
8) Dichlorotetrafluoroethane	2.876	85	86053	0.505	ppbv	98
9) Propene	2.712	41	32663	0.523	ppbv	98
10) Heptane	7.590	43	63026m	0.433	ppbv	
11) Trichlorofluoromethane	3.577	101	87860m	0.506	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.085	101	64219m	0.500	ppbv	
13) Ethanol	3.275	45	2431	0.669	ppbv	80
14) Bromoethene	3.381	108	26662m	0.491	ppbv	
15) Acetone	3.497	43	68058	0.532	ppbv	98
16) 1,3-Butadiene	3.002	39	33481	0.502	ppbv	94
17) tert-Butyl alcohol	3.912	59	55655m	0.518	ppbv	
18) 1,1-Dichloroethene	3.896	96	29138m	0.500	ppbv	
19) Isopropyl Alcohol	3.609	45	31266m	0.462	ppbv	
20) Methylene Chloride	3.950	84	30228	0.594	ppbv	86
21) Allyl Chloride	4.015	41	39346	0.444	ppbv	86
22) trans-1,2-Dichloroethene	4.458	96	28854m	0.514	ppbv	
23) Vinyl Acetate	4.641	43	32631m	0.401	ppbv	
24) 1,1-Dichloroethane	4.577	63	56245m	0.466	ppbv	
25) Ethyl Acetate	5.227	43	136044m	0.515	ppbv	
26) Hexane	5.220	57	53599	0.509	ppbv	93
27) Carbon Disulfide	4.140	76	52229m	0.411	ppbv	
28) Methyl tert-Butyl Ether	4.613	73	48715m	0.438	ppbv	
29) Chloroform	5.281	83	87996m	0.481	ppbv	
30) Cyclohexane	6.606	84	45309m	0.472	ppbv	
31) cis-1,2-Dichloroethene	5.092	61	51697m	0.462	ppbv	
32) 1,1,1-Trichloroethane	6.011	97	75480m	0.418	ppbv	
34) 2-Butanone	4.818	43	75555m	0.524	ppbv	
35) Carbon Tetrachloride	6.503	117	77038m	0.436	ppbv	
36) Benzene	6.378	78	109527	0.490	ppbv	96
37) 1,2-Dichloroethane	5.812	62	60871m	0.466	ppbv	
38) Trichloroethene	7.301	130	58385m	0.479	ppbv	
39) 1,2-Dichloropropane	7.079	63	39265	0.471	ppbv	92
40) 1,4-Dioxane	7.329	88	18494m	0.560	ppbv	
41) Tetrahydrofuran	5.590	42	40732m	0.483	ppbv	
42) Bromodichloromethane	7.249	83	78709m	0.446	ppbv	
43) Methyl Methacrylate	7.493	69	34929m	0.413	ppbv	
44) 2,2,4-Trimethylpentane	7.329	57	176329m	0.466	ppbv	
45) t-1,3-Dichloropropene	8.709	75	26076m	0.354	ppbv	

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 Supervised By : Mahesh Dadoda 08/19/2022

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 2022

QLast Update : Wed Aug 17 04:35:27 2022

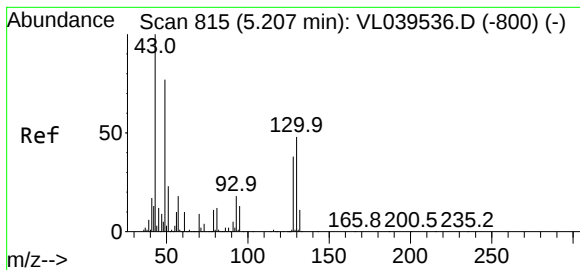
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	38086m	0.370	ppbv	
47) 1,1,2-Trichloroethane	8.905	97	48336m	0.517	ppbv	
48) Dibromochloromethane	9.715	129	58875	0.399	ppbv	96
49) Bromoform	12.410	173	45076	0.378	ppbv #	100
50) 4-Methyl-2-Pentanone	8.207	43	97604m	0.442	ppbv	
51) 2-Hexanone	9.577	43	69714m	0.419	ppbv	
52) Tetrachloroethene	10.622	164	40800m	0.455	ppbv	
53) Toluene	9.220	91	105578m	0.411	ppbv	
54) 1,2-Dibromoethane	10.011	107	51873m	0.452	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.506	131	54572	0.478	ppbv #	1
57) Chlorobenzene	11.529	112	104406	0.519	ppbv #	91
58) Ethyl Benzene	12.098	91	130879	0.392	ppbv	96
59) m/p-Xylene	12.371	91	258430m	0.880	ppbv	
60) o-Xylene	13.062	91	120479	0.432	ppbv	100
61) Styrene	12.898	104	51352m	0.341	ppbv	
62) Isopropylbenzene	14.033	105	195454m	0.461	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	65895m	0.454	ppbv	
64) n-propylbenzene	14.914	120	50188m	0.469	ppbv	
65) tert-Butylbenzene	16.091	119	160953	0.413	ppbv	88
66) Benzyl Chloride	16.329	91	10759m	0.304	ppbv	
67) sec-Butylbenzene	16.641	105	245666m	0.466	ppbv	
69) p-Isopropyltoluene	16.998	119	195313m	0.439	ppbv	
70) n-Butylbenzene	17.889	91	189854m	0.438	ppbv	
71) 2-Chlorotoluene	14.805	91	132190	0.435	ppbv	100
72) 4-Ethyltoluene	15.194	105	141337m	0.430	ppbv	
73) 1,3,5-Trimethylbenzene	15.358	105	130135m	0.433	ppbv	
74) 1,2,4-Trimethylbenzene	16.110	105	154708m	0.467	ppbv	
75) 1,3-Dichlorobenzene	16.332	146	96483m	0.488	ppbv	
76) 1,4-Dichlorobenzene	16.477	146	97967m	0.495	ppbv	
77) 1,2-Dichlorobenzene	17.143	146	92833m	0.475	ppbv	
78) Hexachloro-1,3-Butadiene	22.634	225	79390	0.502	ppbv #	100
79) Naphthalene	21.387	128	91590	0.398	ppbv	99
80) Naphthalene,2-methyl-	24.393	142	31290m	0.381	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	68191	0.457	ppbv #	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

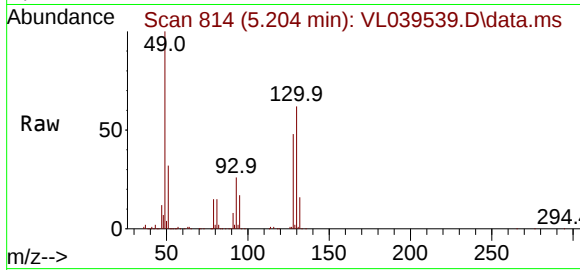
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.204 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

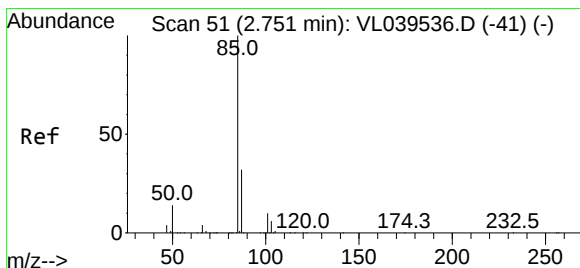
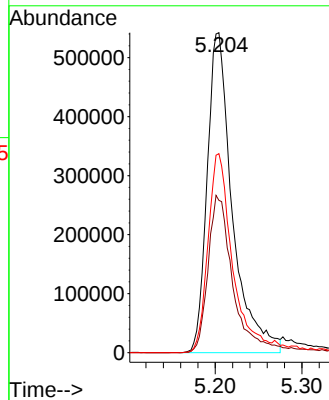
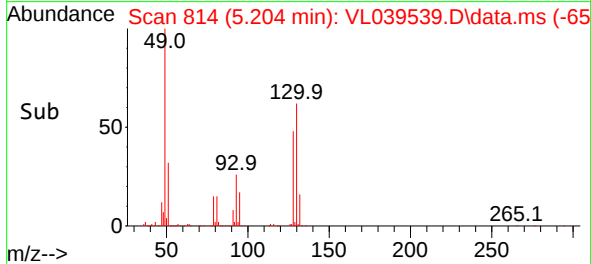
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 109748
Ion Ratio Lower Upper
49 100
128 50.2 25.7 77.0
130 64.3 31.6 95.0

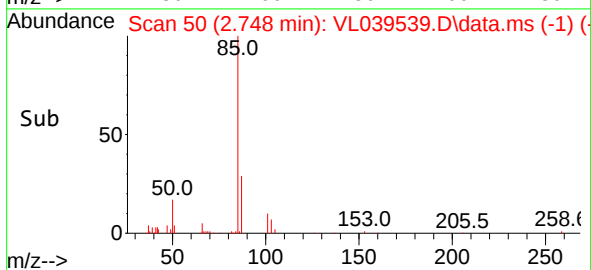
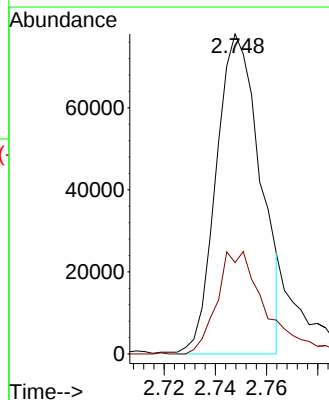
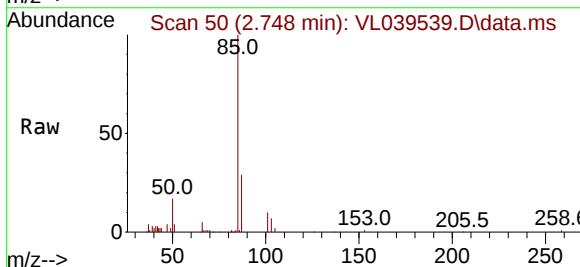
Manual Integrations
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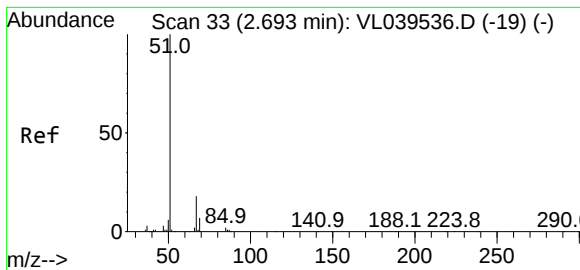
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 0.603 ppbv m
RT: 2.748 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

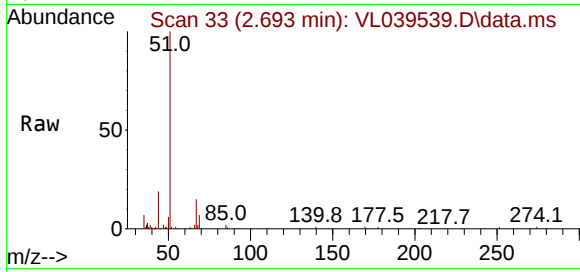
Tgt Ion: 85 Resp: 93277
Ion Ratio Lower Upper
85 100
87 28.5 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 2.693 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

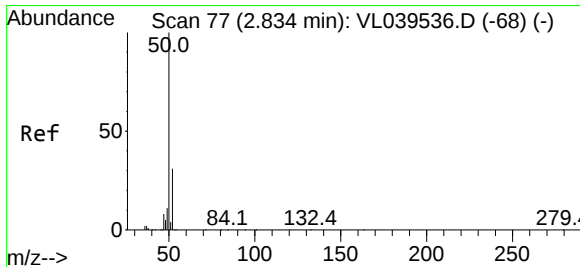
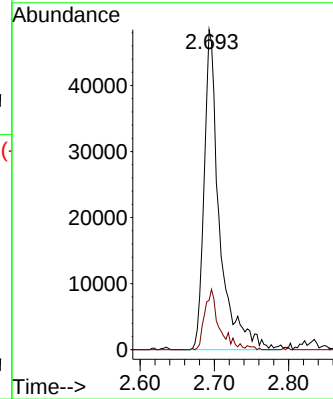
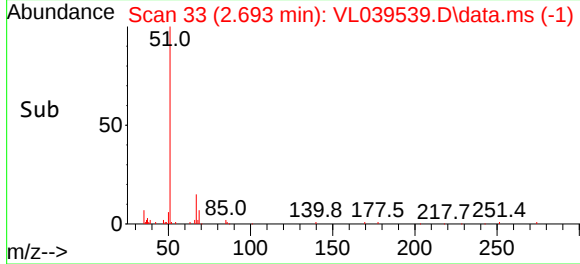
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



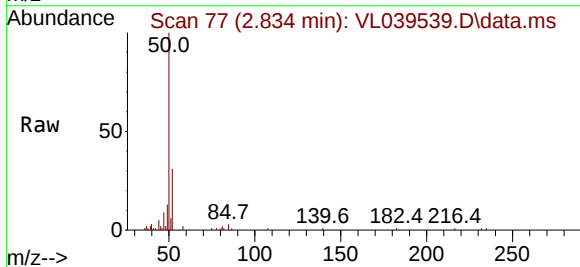
Tgt Ion: 51 Resp: 6988
Ion Ratio Lower Upper
51 100
67 18.2 14.7 22.1

Manual Integrations
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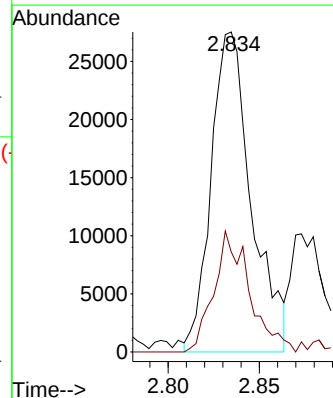
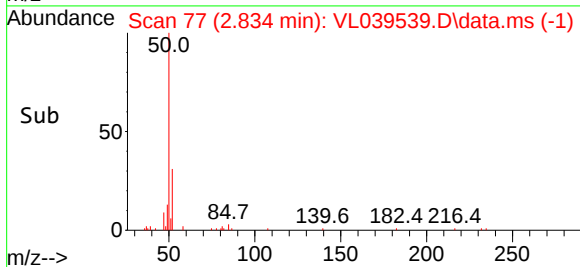
Reviewed By :Semsettin Yesilyurt 08/18/2022
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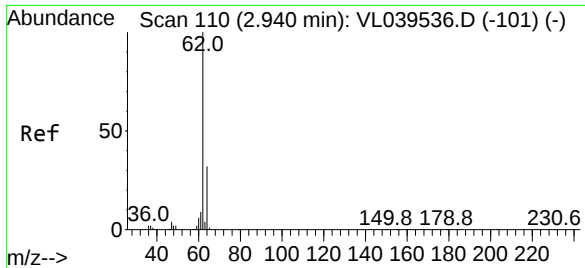


#4
Chloromethane
Concen: 0.553 ppbv m
RT: 2.834 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



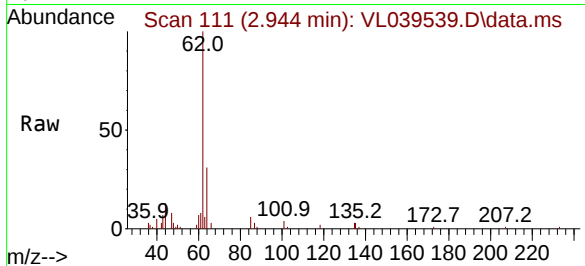
Tgt Ion: 50 Resp: 42402
Ion Ratio Lower Upper
50 100
52 31.3 24.3 36.5





#5
 Vinyl Chloride
 Concen: 0.465 ppbv m
 RT: 2.944 min Scan# 110
 Delta R.T. 0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

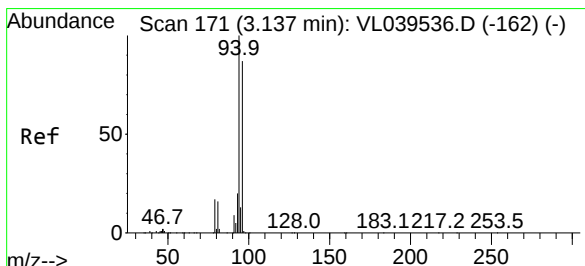
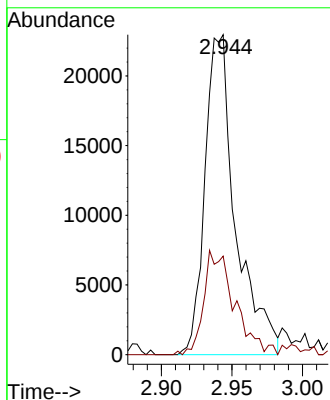
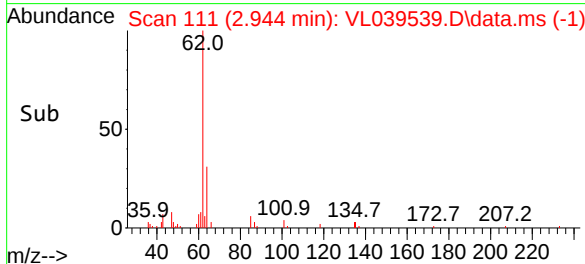
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 34758
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.5 38.3

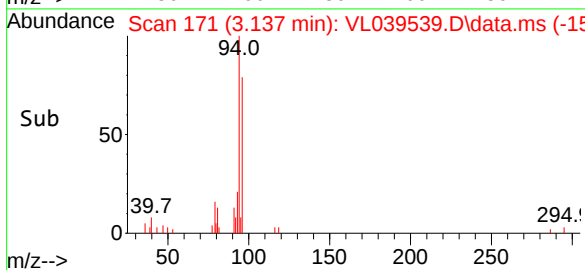
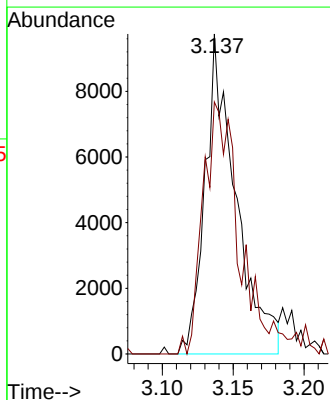
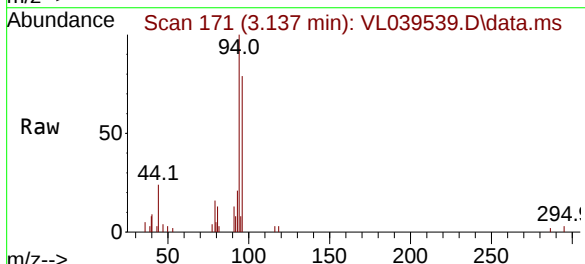
Manual Integrations
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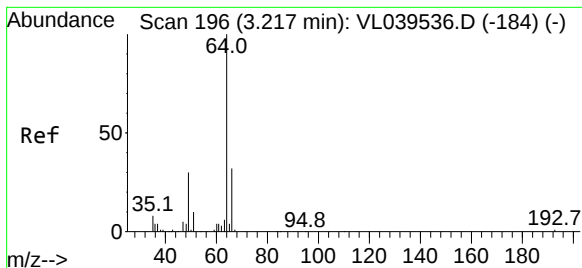
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#6
 Bromomethane
 Concen: 0.477 ppbv
 RT: 3.137 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

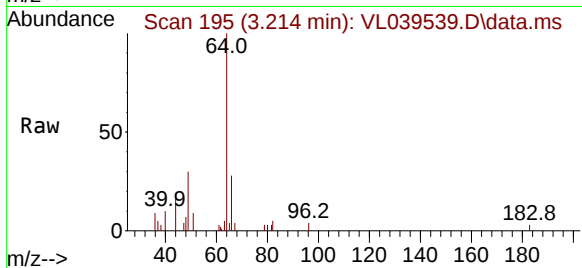
Tgt Ion: 94 Resp: 14634
 Ion Ratio Lower Upper
 94 100
 96 78.8 69.8 104.6





#7
Chloroethane
Concen: 0.463 ppbv
RT: 3.214 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

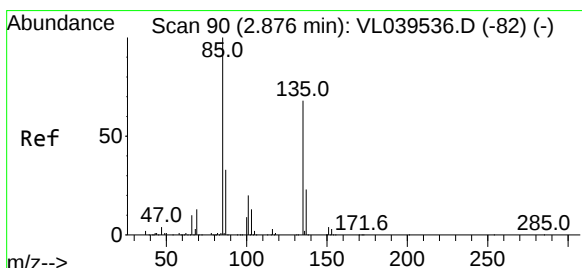
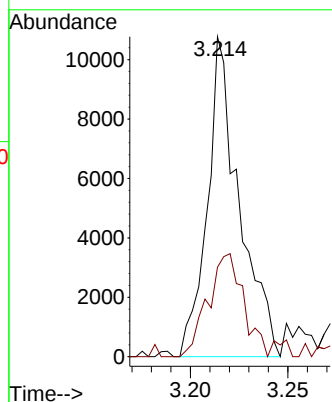
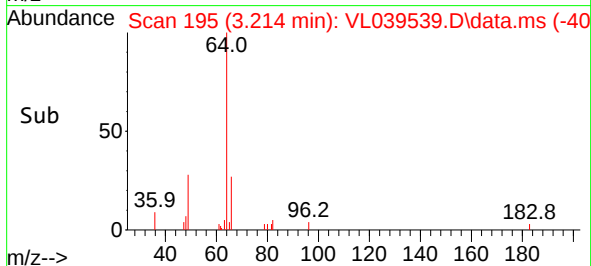
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



Tgt Ion: 64 Resp: 1221
Ion Ratio Lower Upper
64 100
66 28.0 25.6 38.4

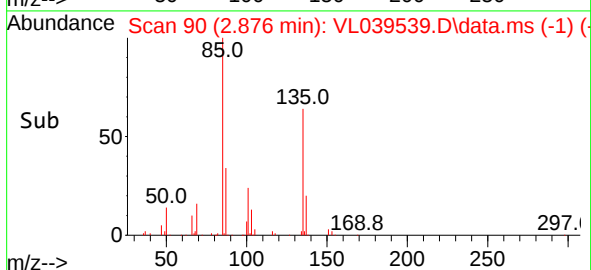
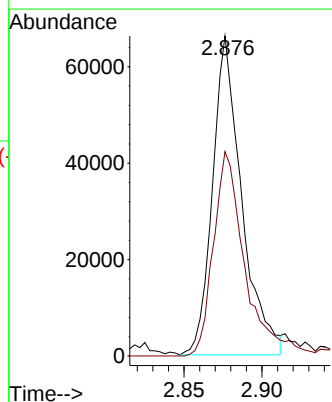
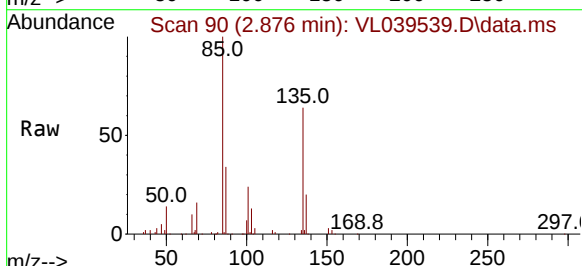
Manual Integrations
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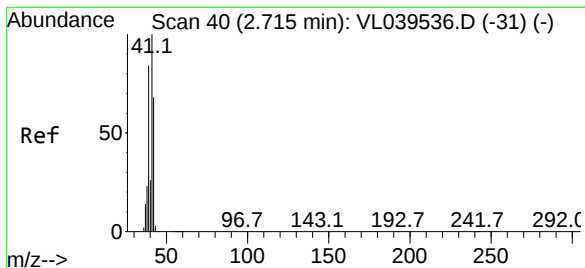
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#8
Dichlorotetrafluoroethane
Concen: 0.505 ppbv
RT: 2.876 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

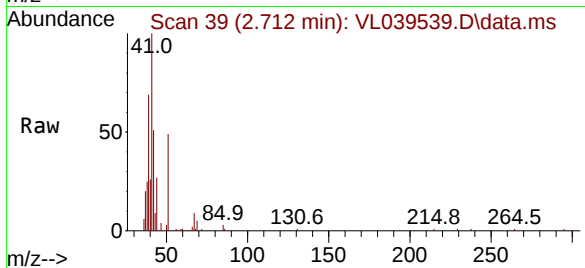
Tgt Ion: 85 Resp: 86053
Ion Ratio Lower Upper
85 100
135 71.9 56.3 84.5





#9
 Propene
 Concen: 0.523 ppbv
 RT: 2.712 min Scan# 39
 Delta R.T. -0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

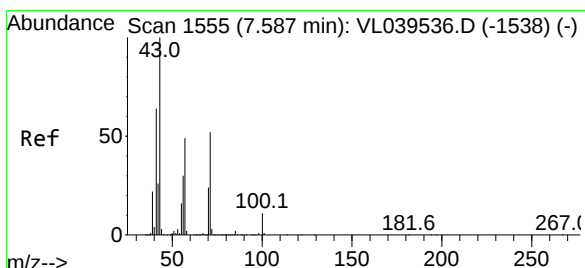
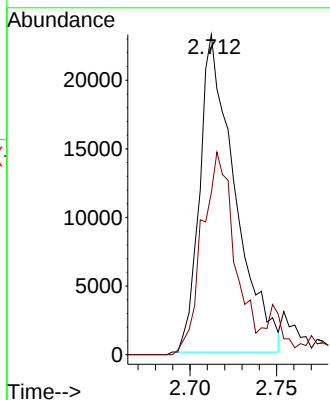
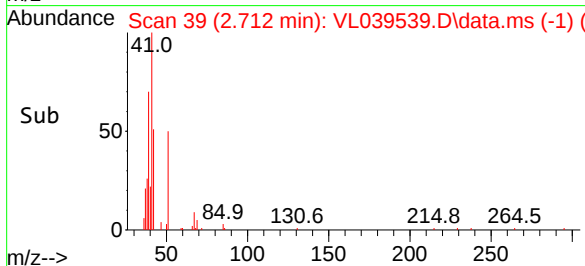
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



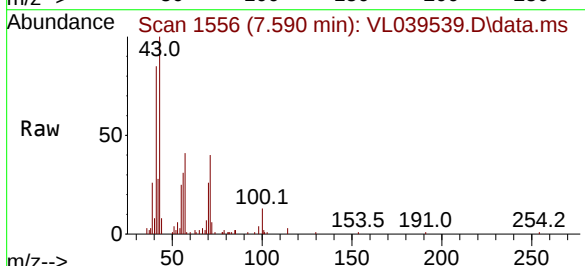
Tgt Ion: 41 Resp: 3266
 Ion Ratio Lower Upper
 41 100
 42 70.5 55.4 83.0

Manual Integrations
 APPROVED

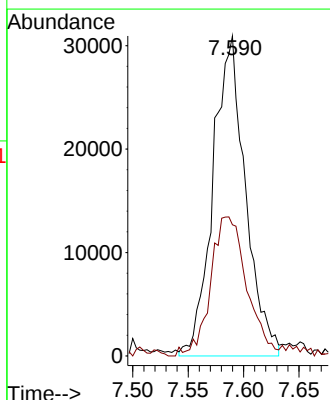
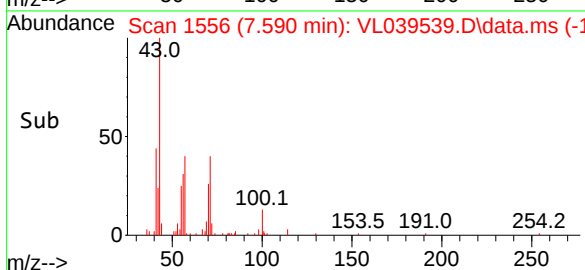
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 Supervised By :Mahesh Dadoda 08/19/2022

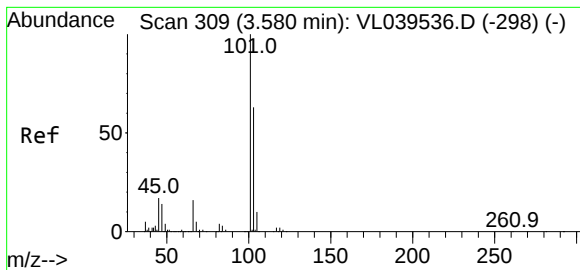


#10
 Heptane
 Concen: 0.433 ppbv m
 RT: 7.590 min Scan# 1556
 Delta R.T. 0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35



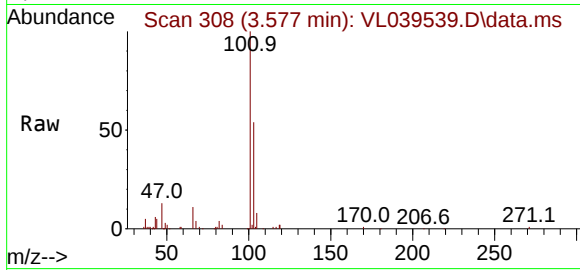
Tgt Ion: 43 Resp: 63026
 Ion Ratio Lower Upper
 43 100
 57 50.8 39.8 59.6





#11
Trichlorofluoromethane
Concen: 0.506 ppbv m
RT: 3.577 min Scan# 309
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

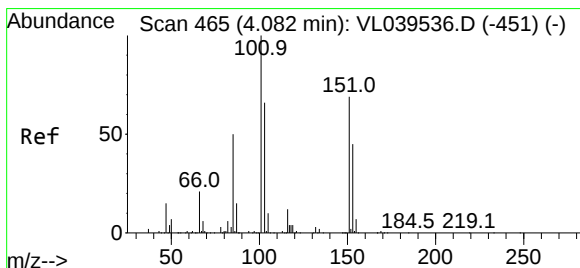
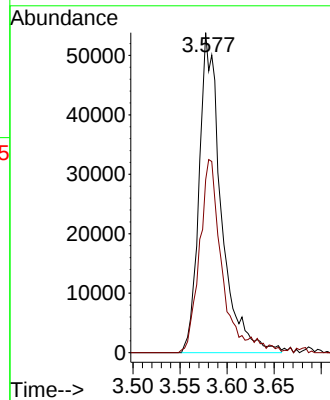
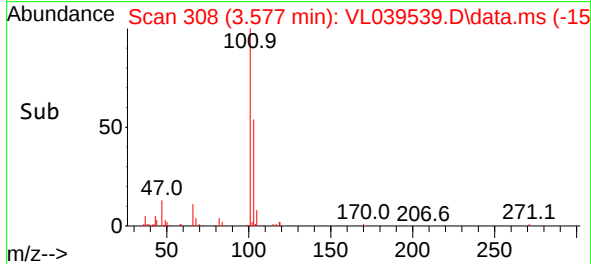
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:101 Resp: 87860
Ion Ratio Lower Upper
101 100
103 54.1 50.6 76.0

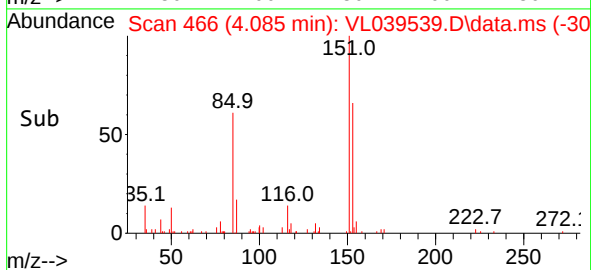
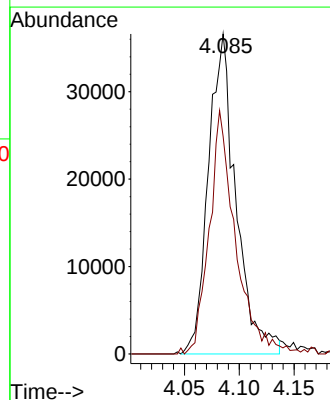
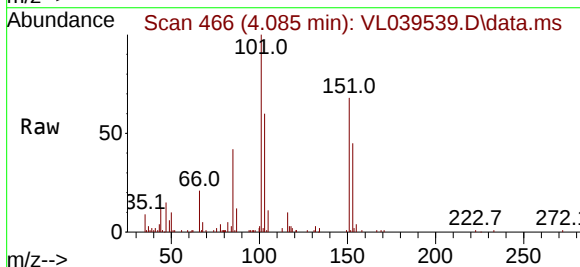
Manual Integrations
APPROVED

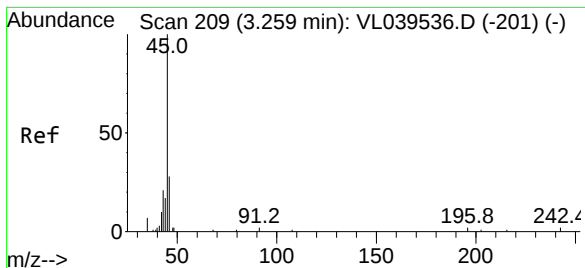
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.500 ppbv m
RT: 4.085 min Scan# 466
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

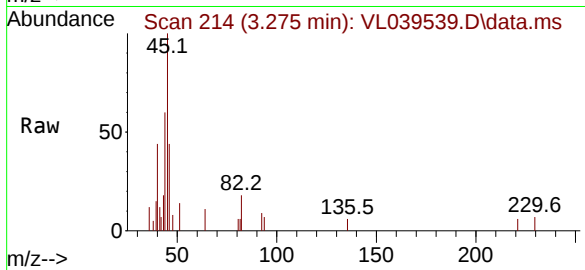
Tgt Ion:101 Resp: 64219
Ion Ratio Lower Upper
101 100
151 73.6 58.6 87.8





#13
Ethanol
Concen: 0.669 ppbv
RT: 3.275 min Scan# 214
Delta R.T. 0.016 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

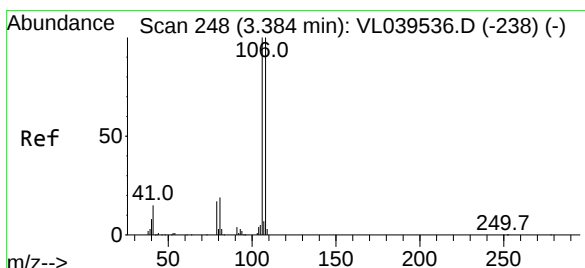
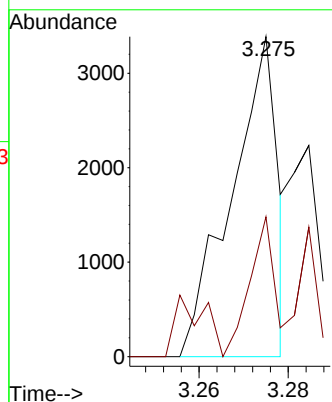
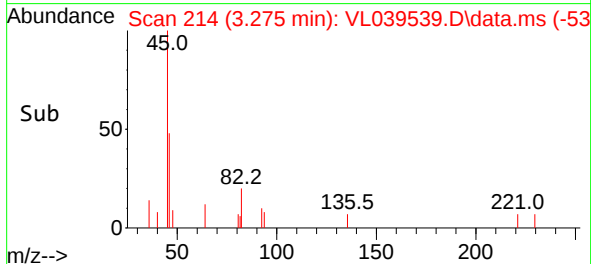
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



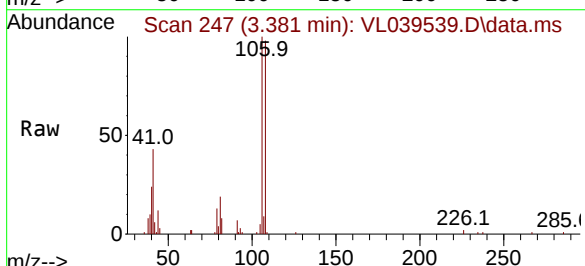
Tgt Ion: 45 Resp: 243
Ion Ratio Lower Upper
45 100
46 61.7 19.3 77.1

Manual Integrations
APPROVED

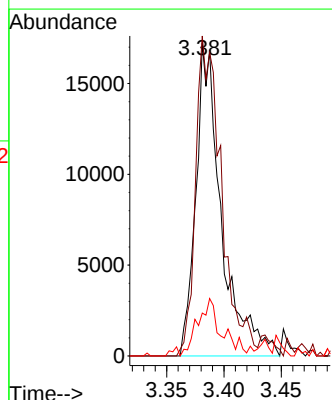
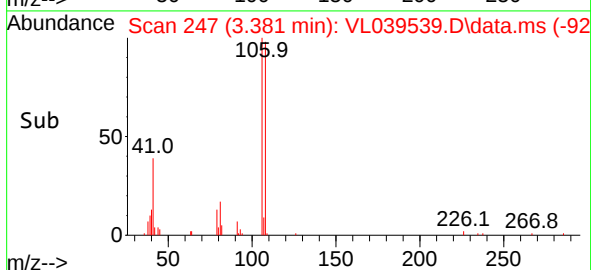
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

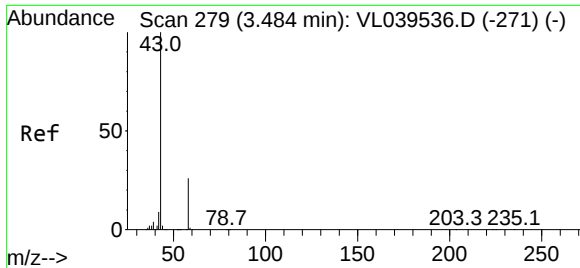


#14
Bromoethene
Concen: 0.491 ppbv m
RT: 3.381 min Scan# 247
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



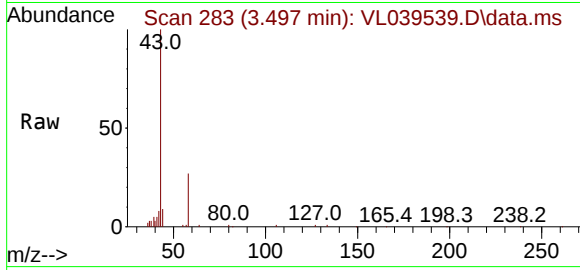
Tgt Ion:108 Resp: 26662
Ion Ratio Lower Upper
108 100
106 107.5 86.6 130.0
79 22.1 15.1 22.7





#15
Acetone
Concen: 0.532 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

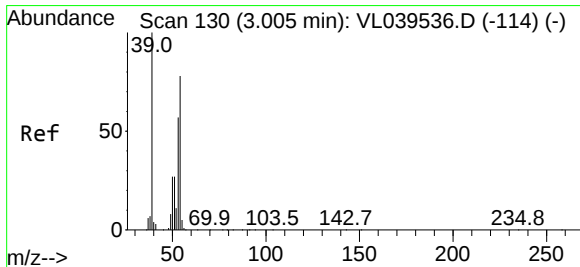
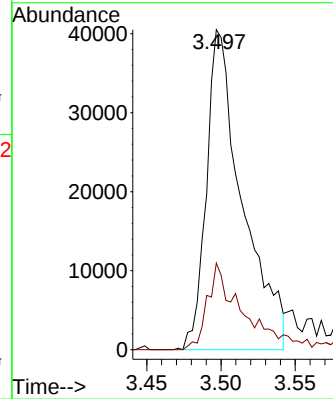
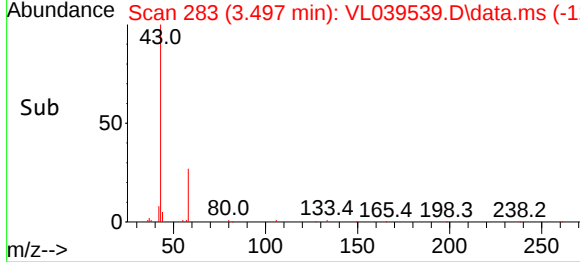
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



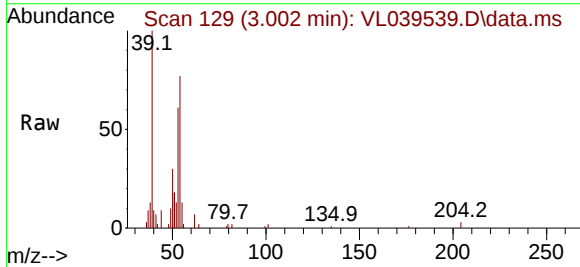
Tgt Ion: 43 Resp: 68058
Ion Ratio Lower Upper
43 100
58 27.0 20.7 31.1

Manual Integrations
APPROVED

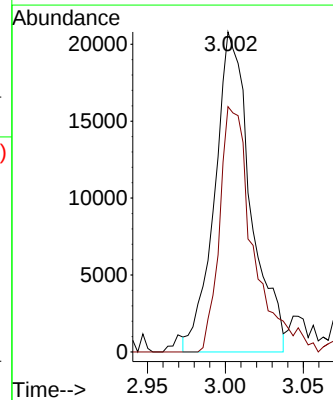
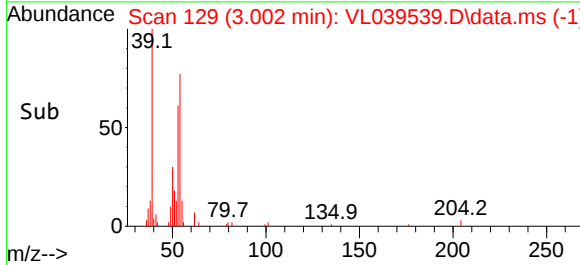
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

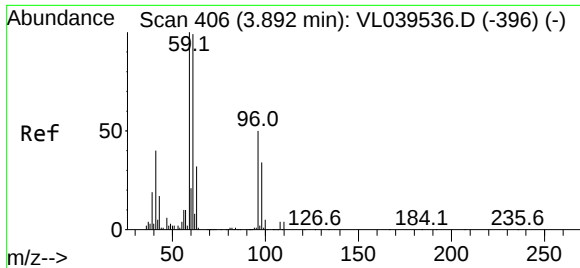


#16
1,3-Butadiene
Concen: 0.502 ppbv
RT: 3.002 min Scan# 129
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



Tgt Ion: 39 Resp: 33481
Ion Ratio Lower Upper
39 100
54 71.8 61.8 92.8





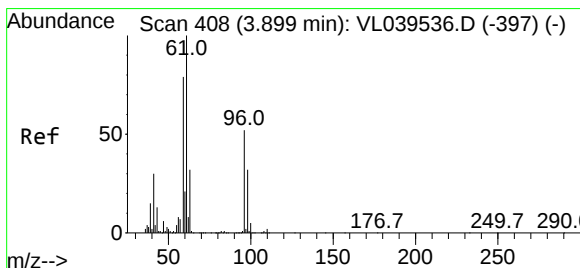
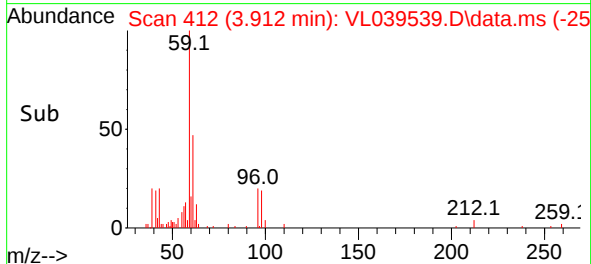
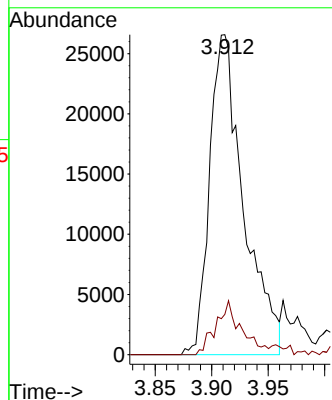
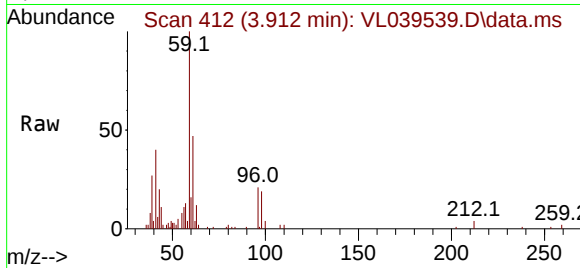
#17
tert-Butyl alcohol
Concen: 0.518 ppbv m
RT: 3.912 min Scan# 412
Delta R.T. 0.019 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 5565
Ion Ratio Lower Upper
59 100
57 14.6 8.6 12.8

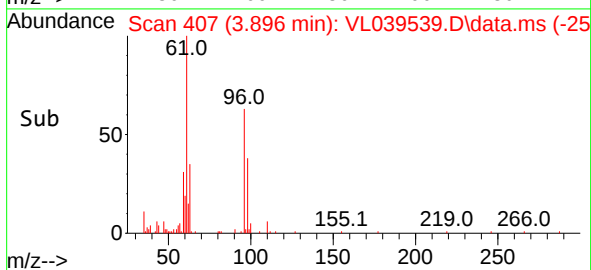
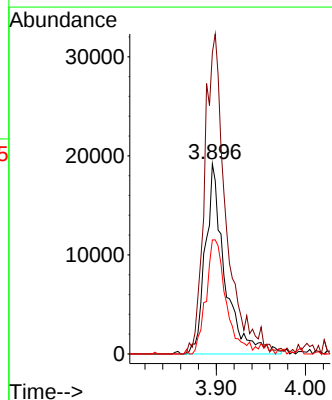
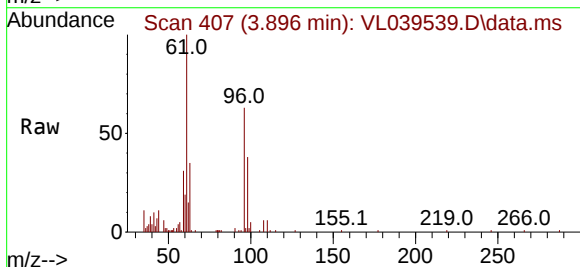
Manual Integrations
APPROVED

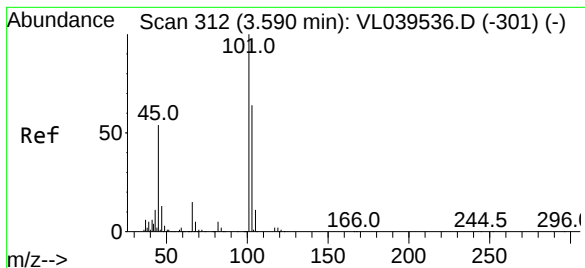
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 0.500 ppbv m
RT: 3.896 min Scan# 407
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 96 Resp: 29138
Ion Ratio Lower Upper
96 100
61 158.5 153.8 230.6
98 60.0 48.6 73.0





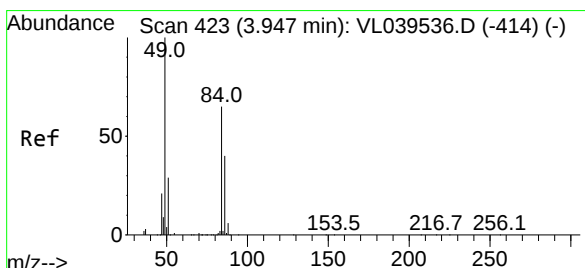
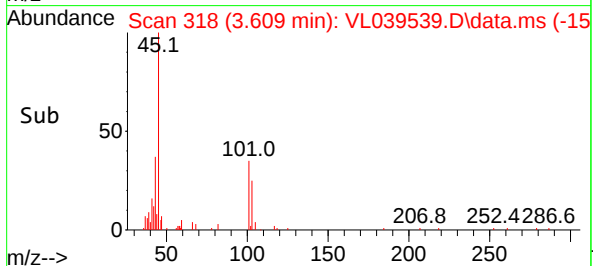
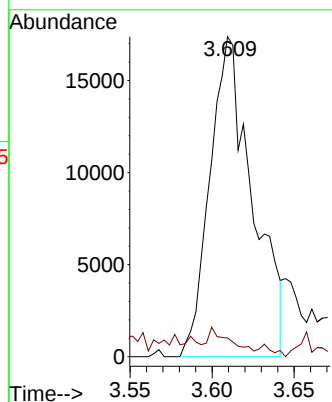
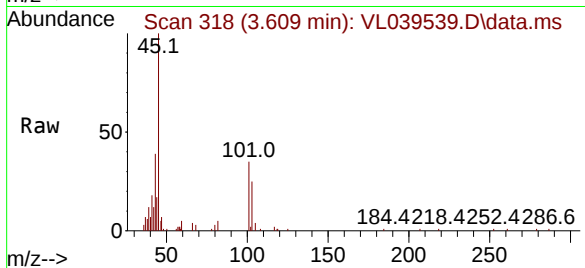
#19
Isopropyl Alcohol
Concen: 0.462 ppbv m
RT: 3.609 min Scan# 312
Delta R.T. 0.019 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 31260
Ion Ratio Lower Upper
45 100
58 11.3 0.0 0.0

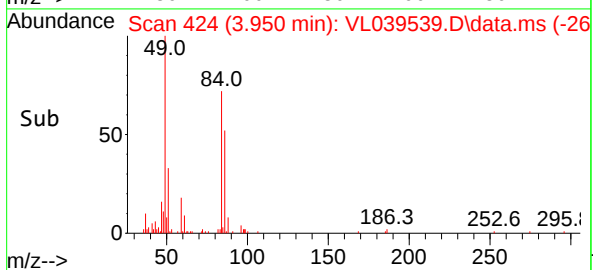
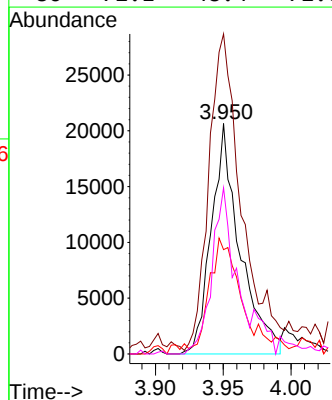
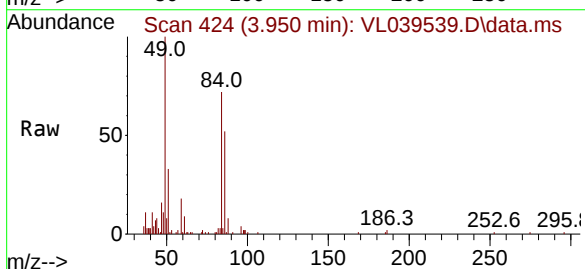
Manual Integrations
APPROVED

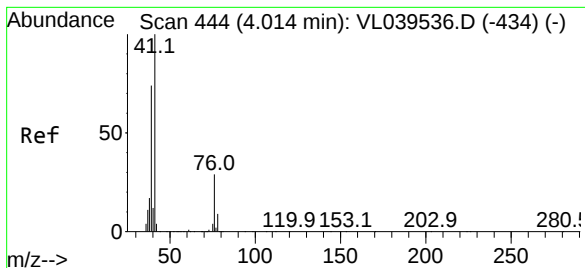
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 0.594 ppbv
RT: 3.950 min Scan# 424
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

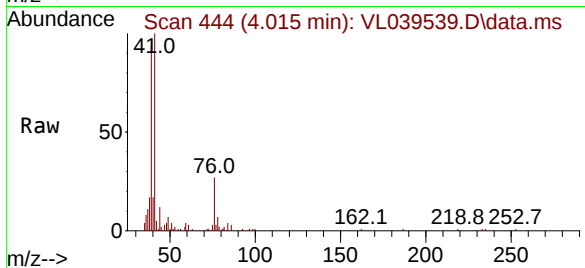
Tgt Ion: 84 Resp: 30228
Ion Ratio Lower Upper
84 100
49 131.6 122.2 183.4
51 43.3 35.8 53.6
86 72.1 48.4 72.6





#21
 Allyl Chloride
 Concen: 0.444 ppbv
 RT: 4.015 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

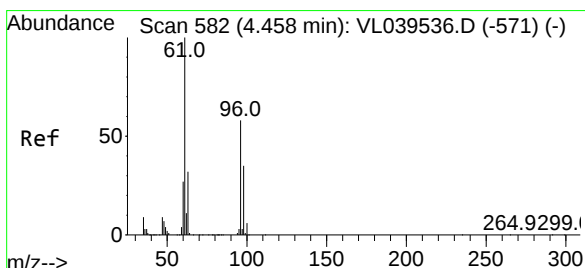
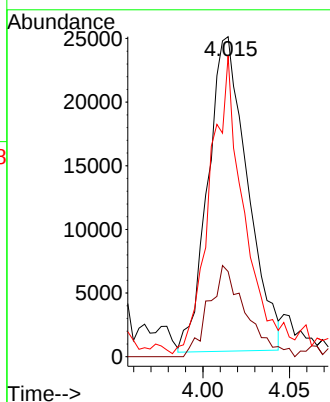
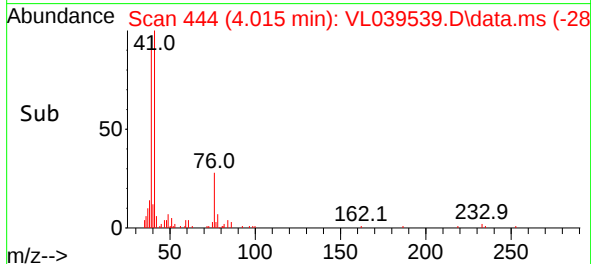
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



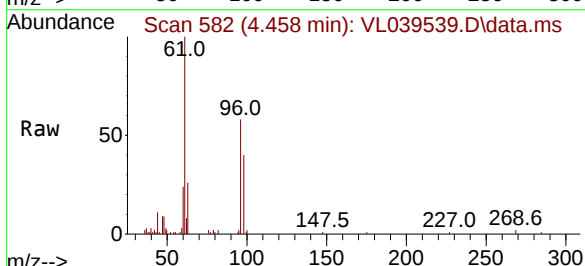
Tgt Ion: 41 Resp: 39340
 Ion Ratio Lower Upper
 41 100
 76 27.1 23.1 34.7
 39 94.4 63.4 95.2

Manual Integrations
 APPROVED

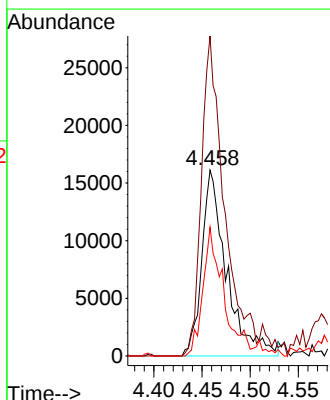
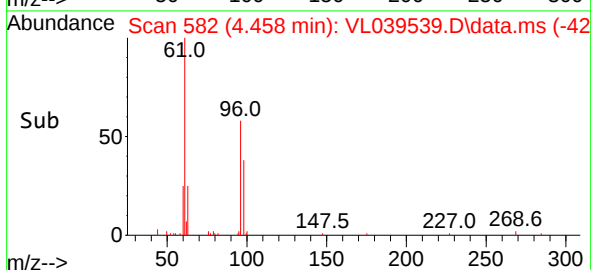
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

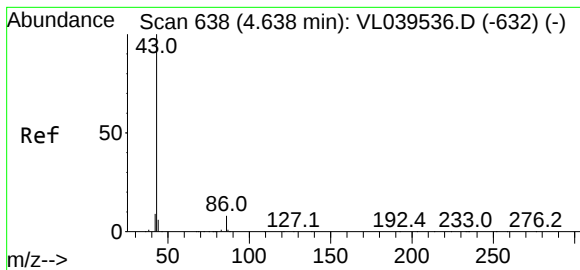


#22
 trans-1,2-Dichloroethene
 Concen: 0.514 ppbv m
 RT: 4.458 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35



Tgt Ion: 96 Resp: 28854
 Ion Ratio Lower Upper
 96 100
 61 172.2 138.1 207.1
 98 69.3 48.8 73.2





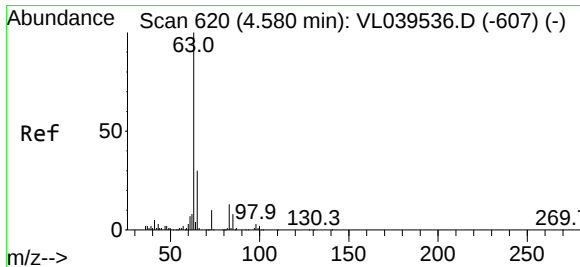
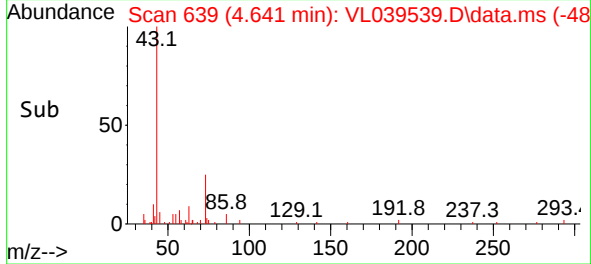
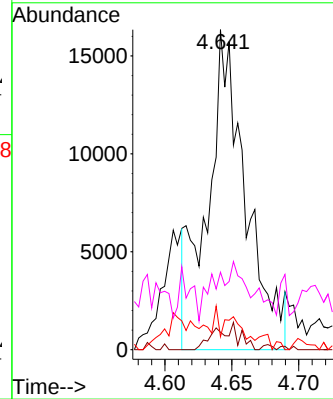
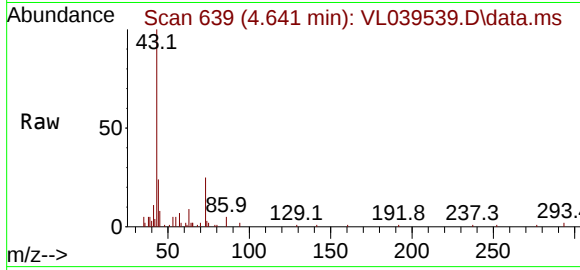
#23
 Vinyl Acetate
 Concen: 0.401 ppbv m
 RT: 4.641 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43	Resp: 3263
Ion Ratio	Lower Upper
43 100	
86 5.5	5.3 7.9
42 4.0	8.7 13.1
44 24.2	5.1 7.7

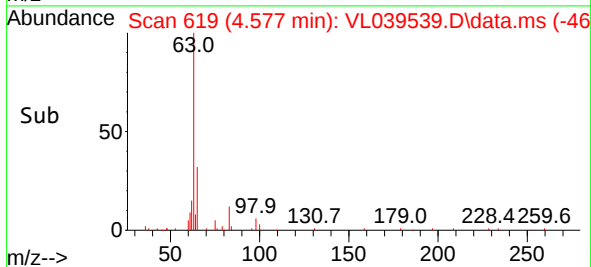
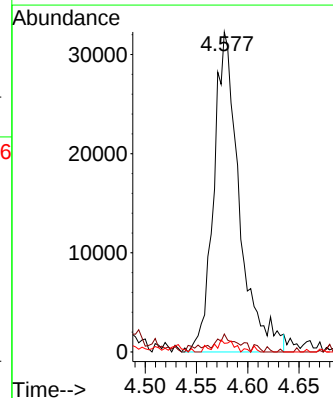
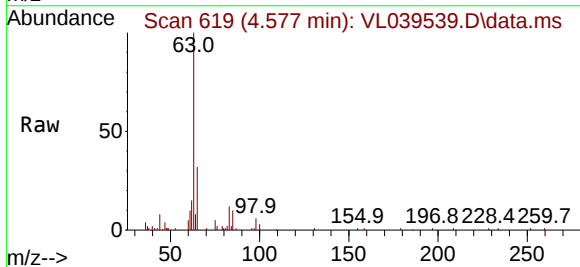
Manual Integrations
 APPROVED

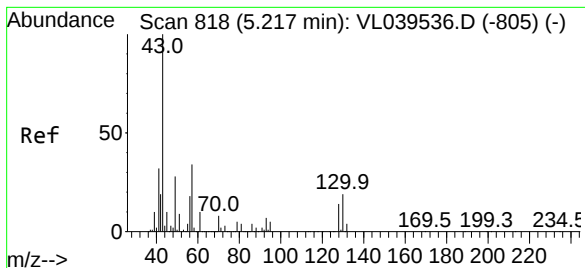
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#24
 1,1-Dichloroethane
 Concen: 0.466 ppbv m
 RT: 4.577 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

Tgt Ion: 63	Resp: 56245
Ion Ratio	Lower Upper
63 100	
98 5.6	1.7 5.0
100 2.7	1.1 3.3





#25
Ethyl Acetate
Concen: 0.515 ppbv m
RT: 5.227 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

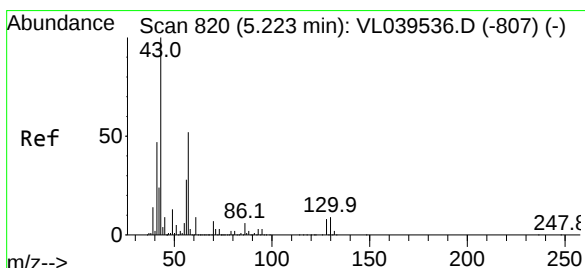
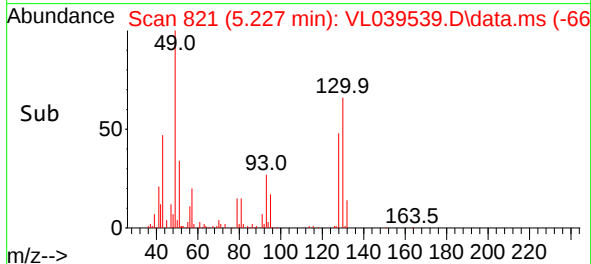
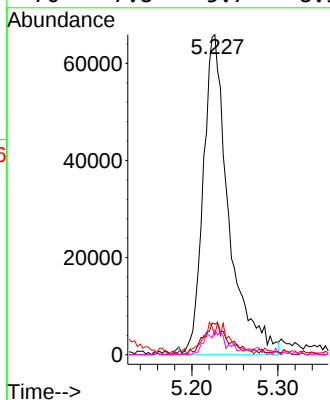
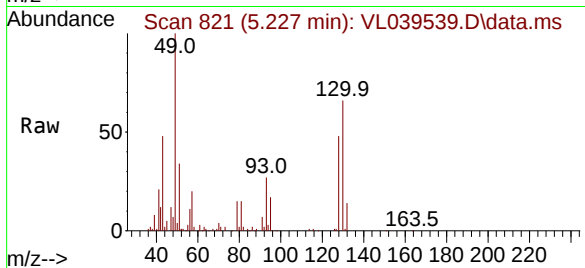
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 13604

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.4
61	12.2	8.6	12.8
70	7.8	5.7	8.5

Manual Integrations
APPROVED

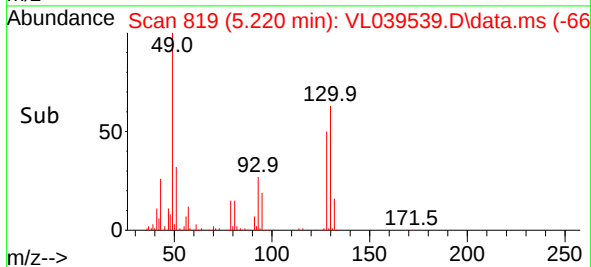
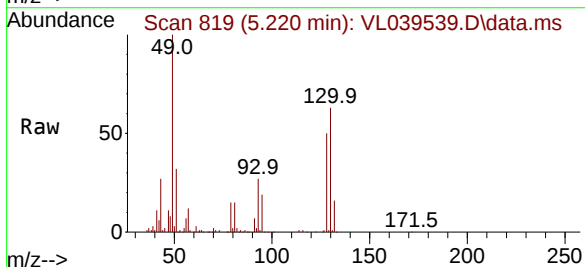
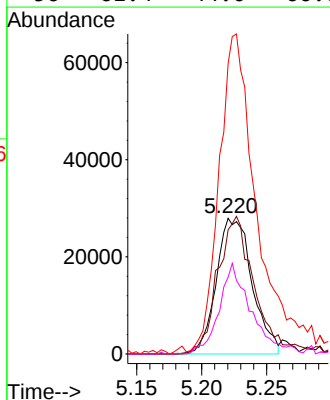
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

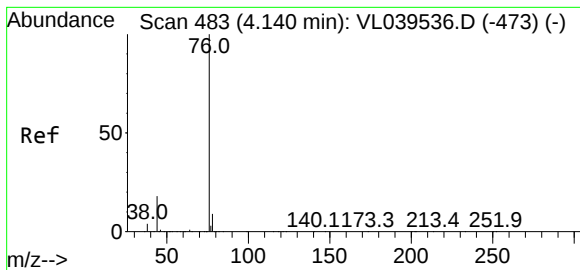


#26
Hexane
Concen: 0.509 ppbv
RT: 5.220 min Scan# 819
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 57 Resp: 53599

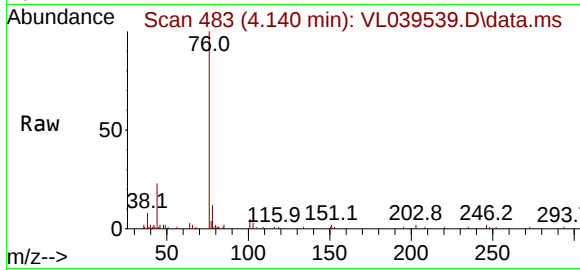
Ion	Ratio	Lower	Upper
57	100		
41	109.7	79.4	119.2
43	258.9	199.7	299.5
56	61.4	44.0	66.0





#27
Carbon Disulfide
Concen: 0.411 ppbv m
RT: 4.140 min Scan# 483
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

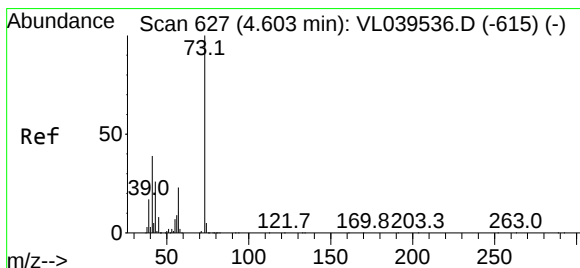
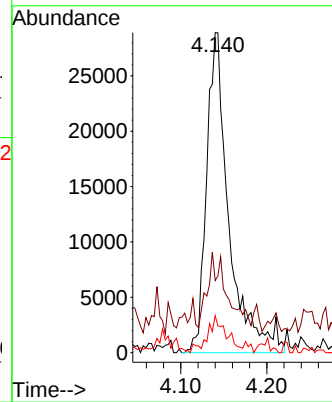
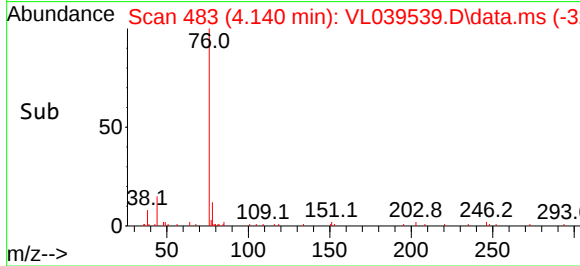
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



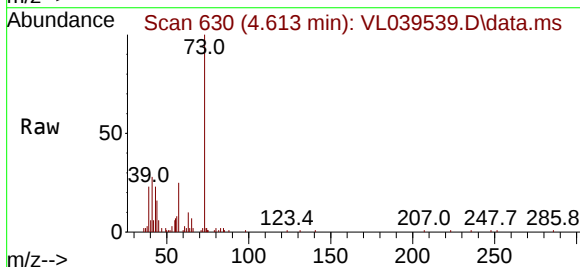
Tgt Ion: 76 Resp: 52229
Ion Ratio Lower Upper
76 100
44 31.8 16.3 24.5
78 10.7 7.8 11.6

Manual Integrations
APPROVED

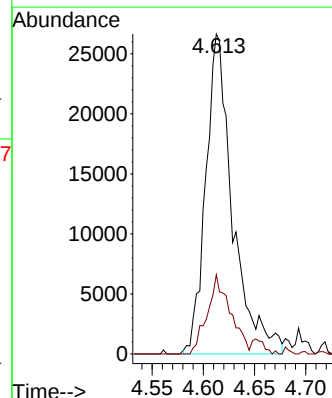
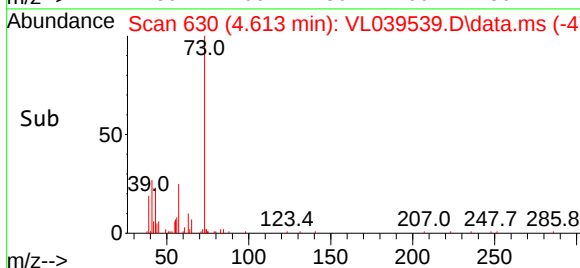
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

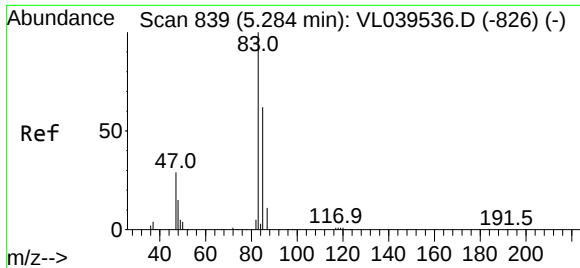


#28
Methyl tert-Butyl Ether
Concen: 0.438 ppbv m
RT: 4.613 min Scan# 630
Delta R.T. 0.010 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



Tgt Ion: 73 Resp: 48715
Ion Ratio Lower Upper
73 100
57 24.1 19.8 29.6





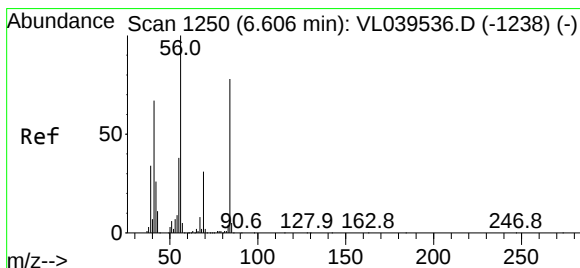
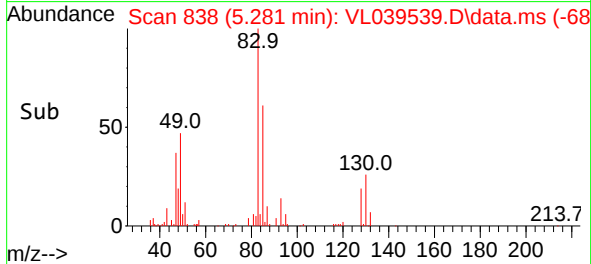
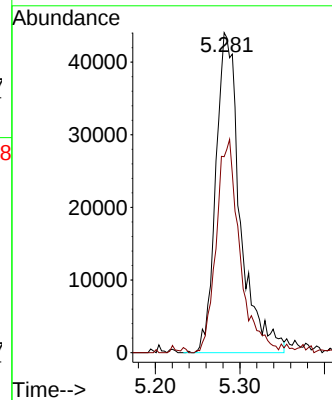
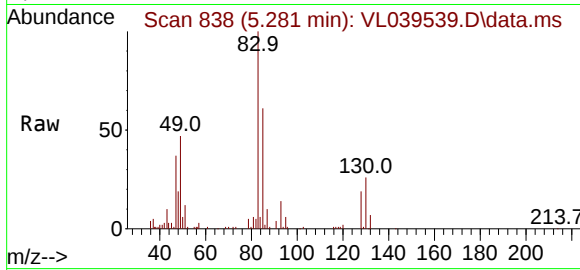
#29
Chloroform
Concen: 0.481 ppbv m
RT: 5.281 min Scan# 839
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 87990
Ion Ratio Lower Upper
83 100
85 61.3 49.8 74.8

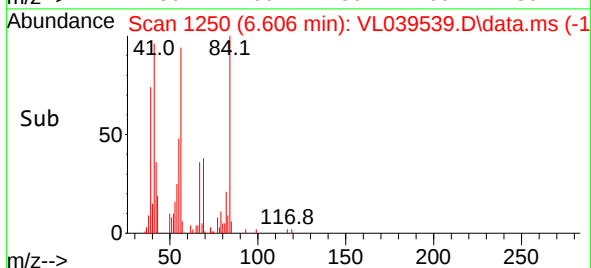
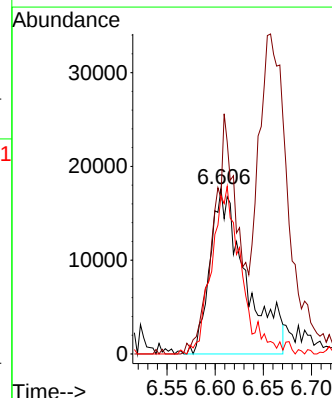
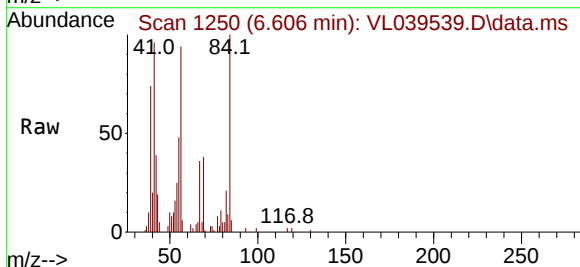
Manual Integrations
APPROVED

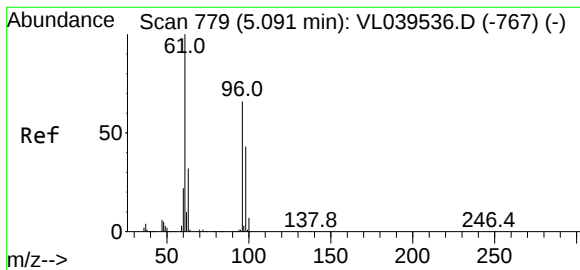
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#30
Cyclohexane
Concen: 0.472 ppbv m
RT: 6.606 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

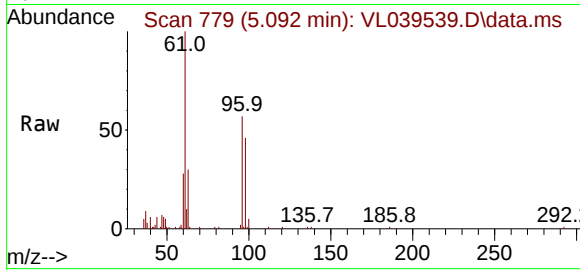
Tgt Ion: 84 Resp: 45309
Ion Ratio Lower Upper
84 100
56 0.0 0.0 0.0
41 0.0 0.0 0.0





#31
 cis-1,2-Dichloroethene
 Concen: 0.462 ppbv m
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

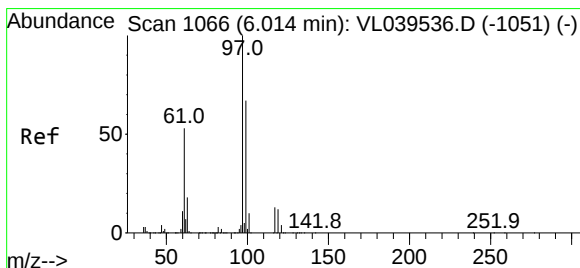
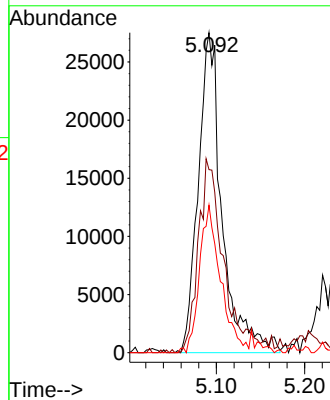
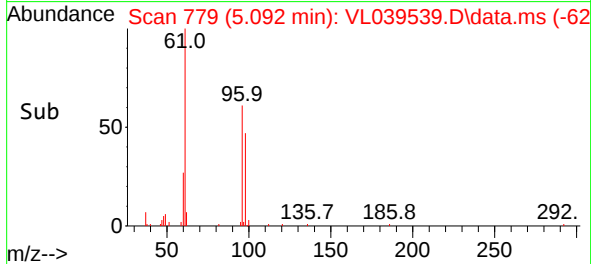
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 61 Resp: 5169
 Ion Ratio Lower Upper
 61 100
 96 57.2 52.9 79.3
 98 46.1 34.5 51.7

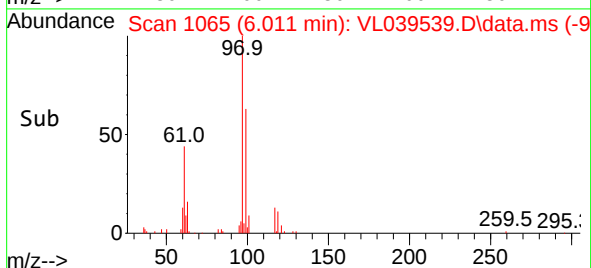
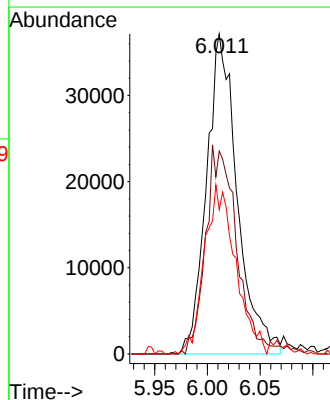
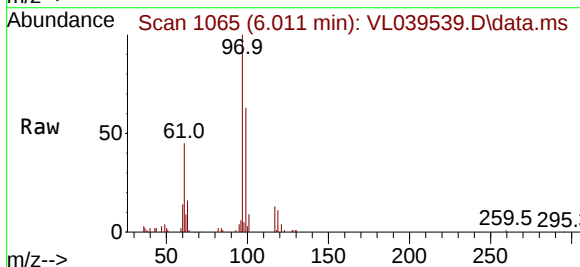
Manual Integrations
 APPROVED

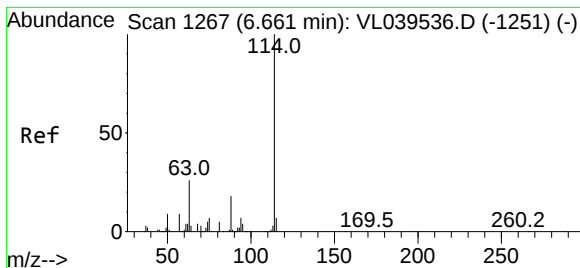
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.418 ppbv m
 RT: 6.011 min Scan# 1065
 Delta R.T. -0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

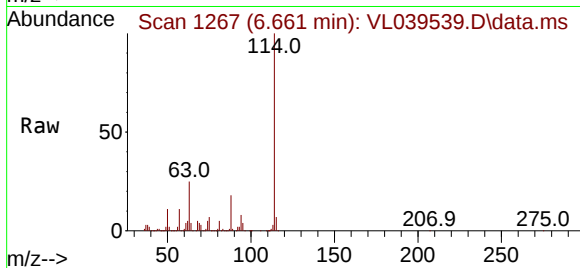
Tgt Ion: 97 Resp: 75480
 Ion Ratio Lower Upper
 97 100
 99 66.4 52.4 78.6
 61 55.6 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

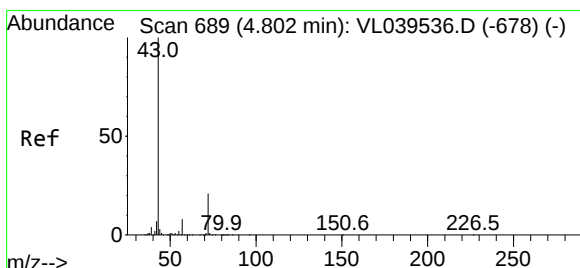
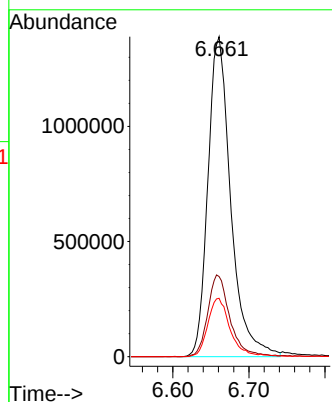
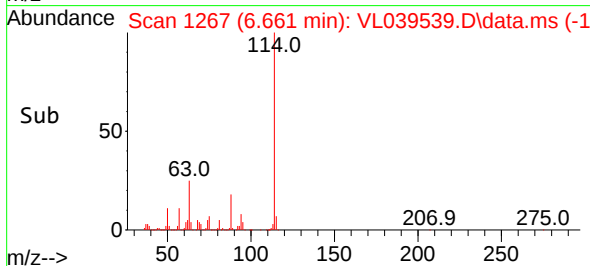
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:114 Resp: 290248
Ion Ratio Lower Upper
114 100
63 25.2 20.6 31.0
88 18.1 14.6 22.0

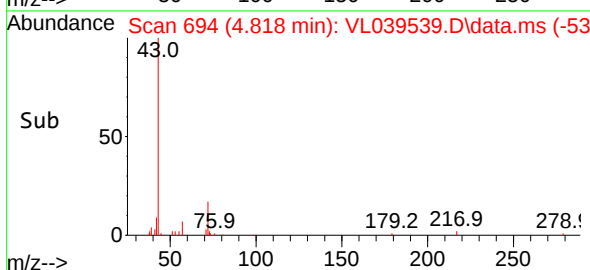
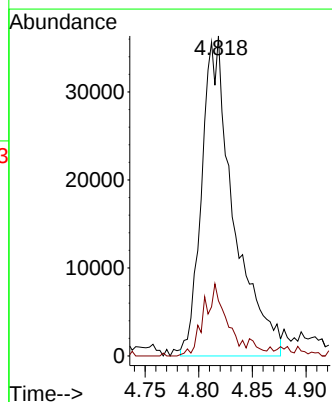
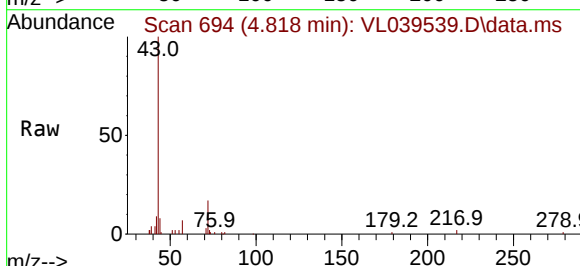
Manual Integrations
APPROVED

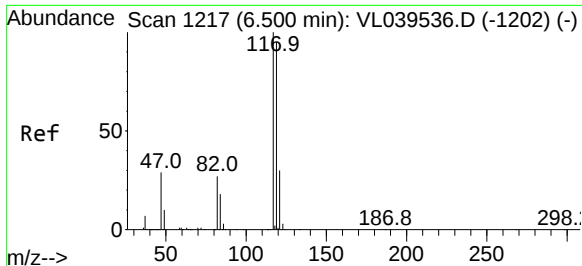
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#34
2-Butanone
Concen: 0.524 ppbv m
RT: 4.818 min Scan# 694
Delta R.T. 0.016 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

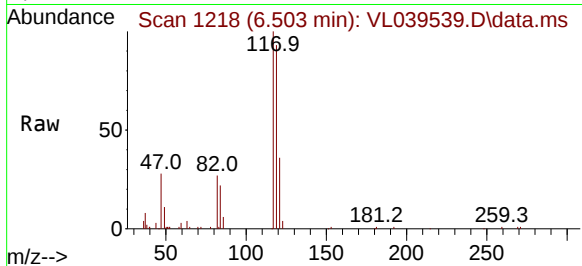
Tgt Ion: 43 Resp: 75555
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0#





#35
Carbon Tetrachloride
Concen: 0.436 ppbv m
RT: 6.503 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

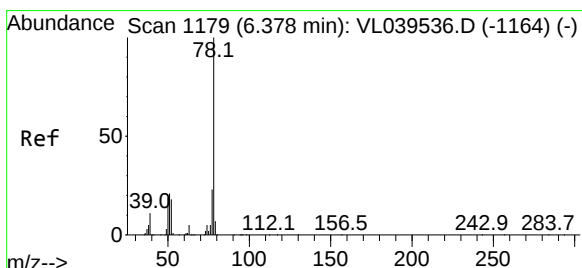
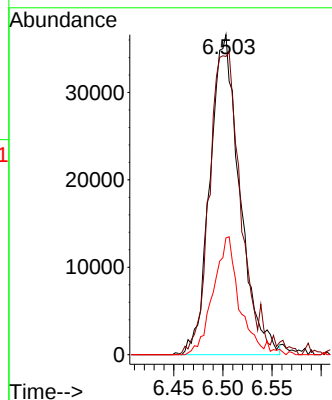
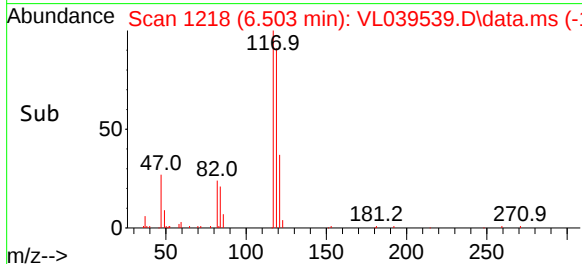
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 77038
Ion Ratio Lower Upper
117 100
119 93.2 76.2 114.4
121 36.5 24.4 36.6

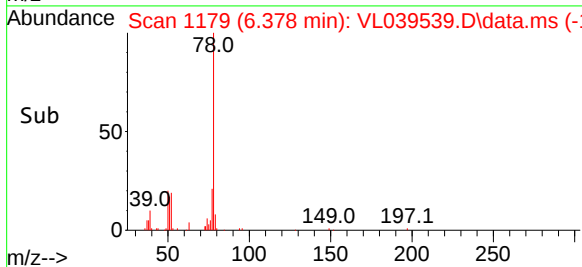
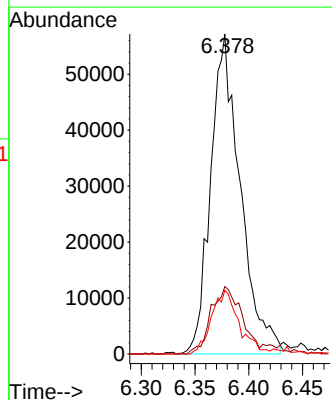
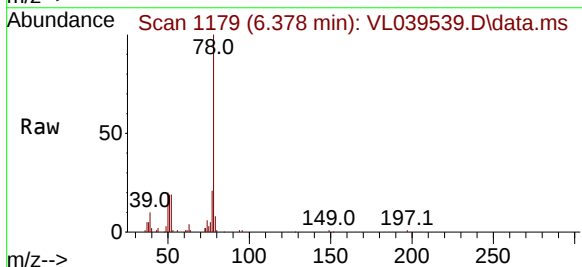
Manual Integrations
APPROVED

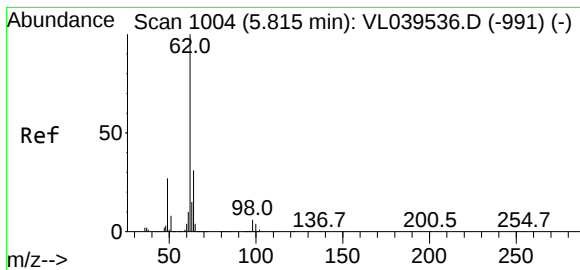
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#36
Benzene
Concen: 0.490 ppbv
RT: 6.378 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 78 Resp: 109527
Ion Ratio Lower Upper
78 100
77 20.8 18.6 27.8
50 19.9 15.0 22.4





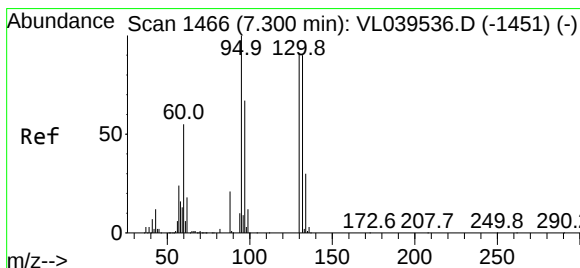
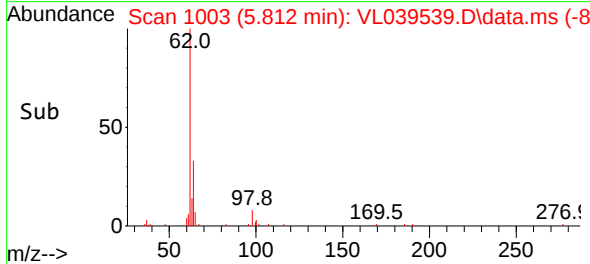
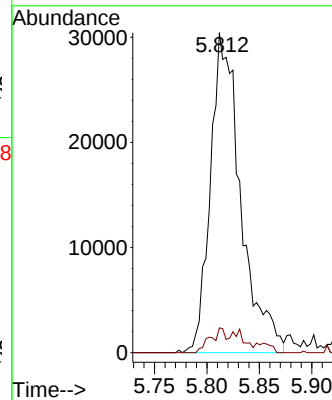
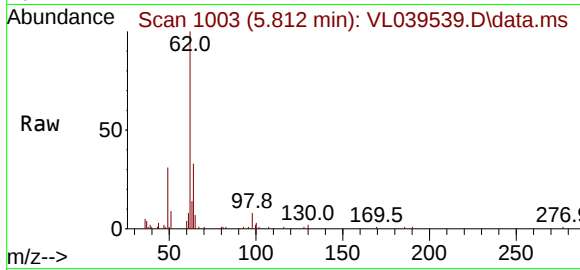
#37
1,2-Dichloroethane
Concen: 0.466 ppbv m
RT: 5.812 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 6087
Ion Ratio Lower Upper
62 100
98 8.6 5.4 8.2

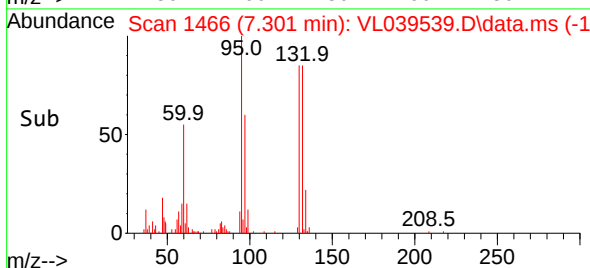
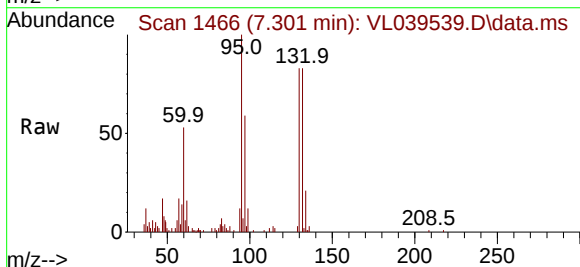
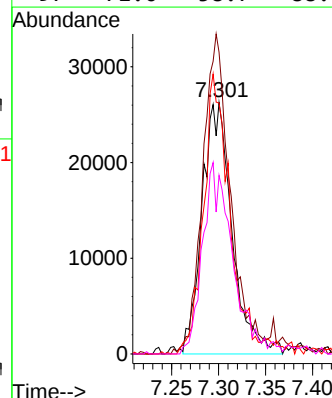
Manual Integrations
APPROVED

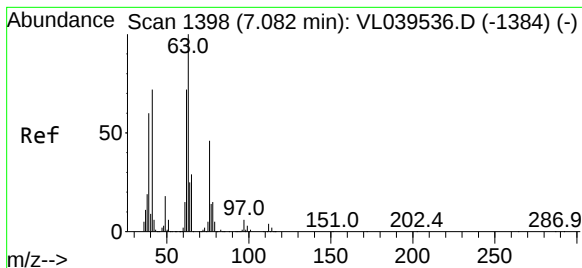
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#38
Trichloroethene
Concen: 0.479 ppbv m
RT: 7.301 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

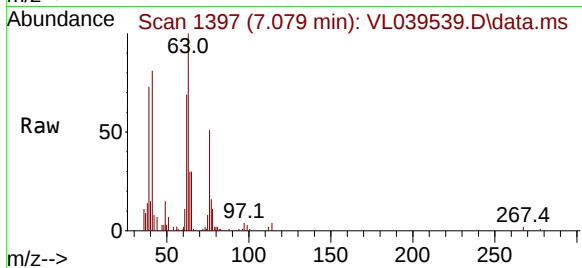
Tgt Ion:130 Resp: 58385
Ion Ratio Lower Upper
130 100
95 119.9 88.0 132.0
132 99.7 79.1 118.7
97 71.0 58.7 88.1





#39
1,2-Dichloropropane
Concen: 0.471 ppbv
RT: 7.079 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

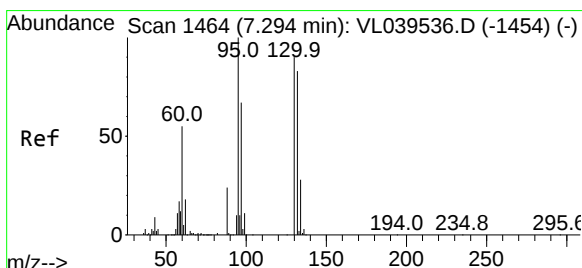
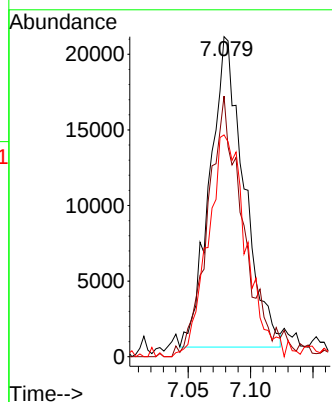
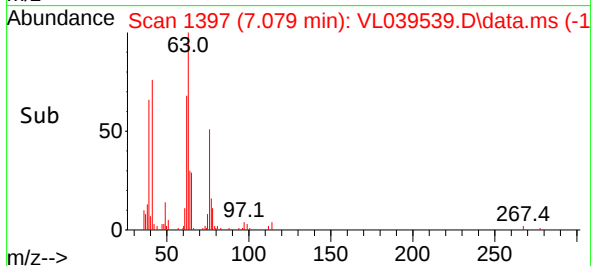
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



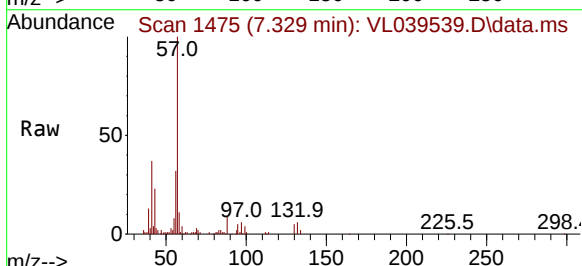
Tgt Ion: 63 Resp: 3926
Ion Ratio Lower Upper
63 100
41 82.6 58.0 87.0
62 69.8 57.8 86.8

Manual Integrations
APPROVED

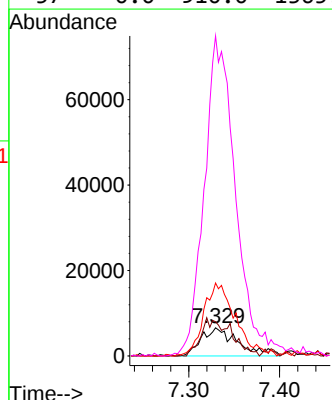
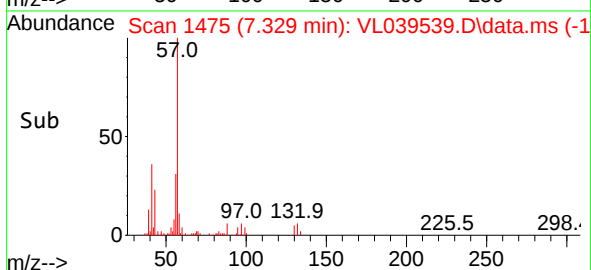
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

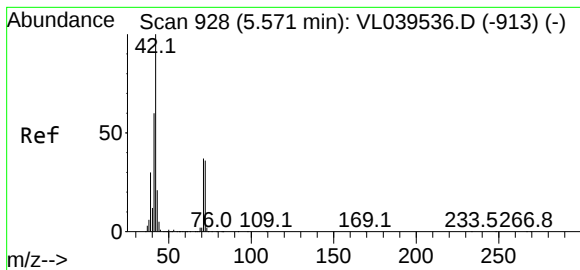


#40
1,4-Dioxane
Concen: 0.560 ppbv m
RT: 7.329 min Scan# 1475
Delta R.T. 0.036 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



Tgt Ion: 88 Resp: 18494
Ion Ratio Lower Upper
88 100
58 111.4 102.8 154.2
43 0.0 216.2 324.2#
57 0.0 910.0 1365.0#





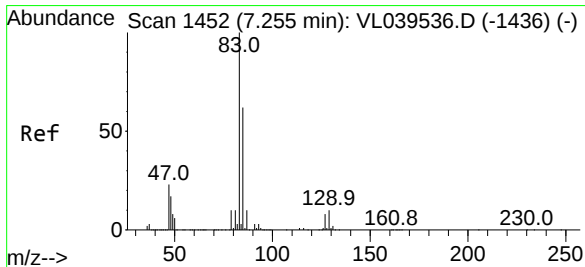
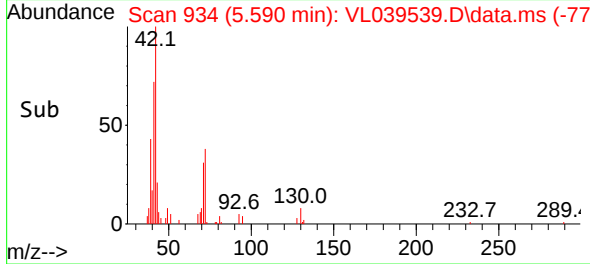
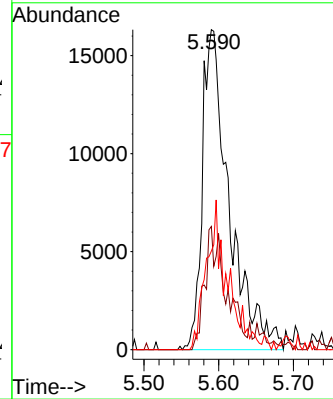
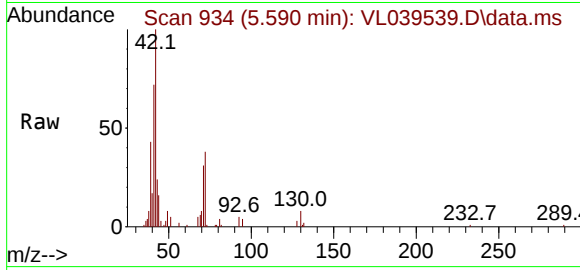
#41
Tetrahydrofuran
Concen: 0.483 ppbv m
RT: 5.590 min Scan# 913
Delta R.T. 0.019 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 42 Resp: 40732
Ion Ratio Lower Upper
42 100
72 0.0 30.6 45.8
71 0.0 30.7 46.1

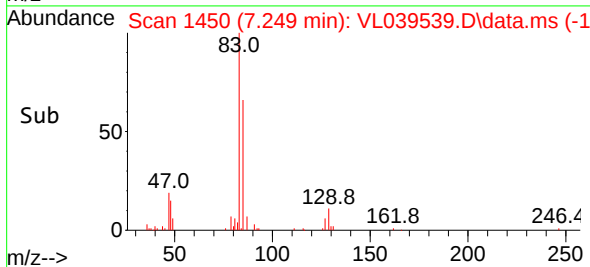
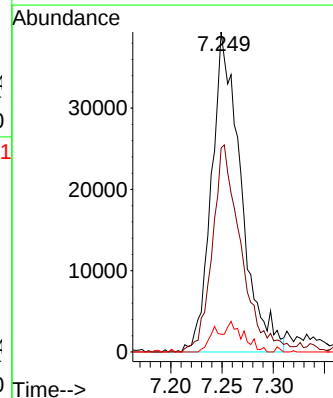
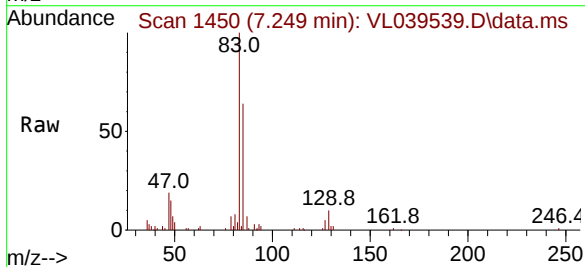
Manual Integrations
APPROVED

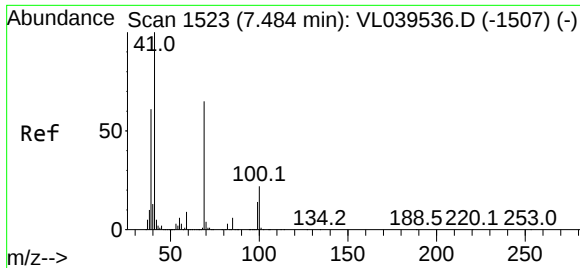
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#42
Bromodichloromethane
Concen: 0.446 ppbv m
RT: 7.249 min Scan# 1450
Delta R.T. -0.006 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 83 Resp: 78709
Ion Ratio Lower Upper
83 100
85 63.8 49.9 74.9
127 5.5 6.7 10.1





#43

Methyl Methacrylate

Concen: 0.413 ppbv m

RT: 7.493 min Scan# 1523

Delta R.T. 0.010 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

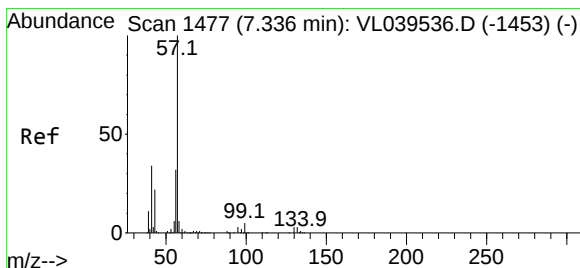
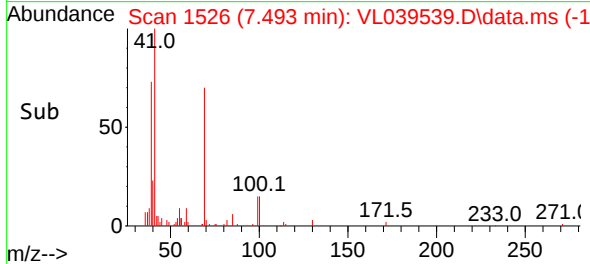
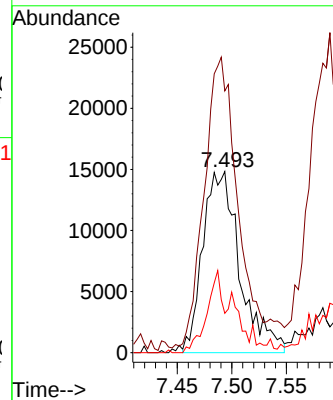
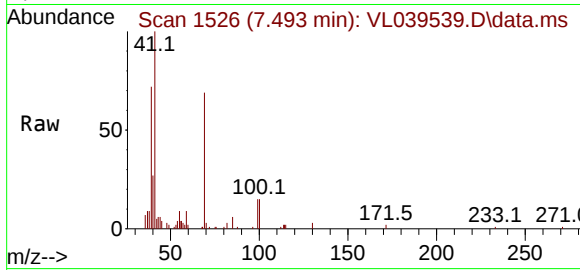
VSTDICC0.5

Tgt Ion:	69	Resp:	34929
Ion	Ratio	Lower	Upper
69	100		
41	0.0	123.0	184.6
100	0.0	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#44

2,2,4-Trimethylpentane

Concen: 0.466 ppbv m

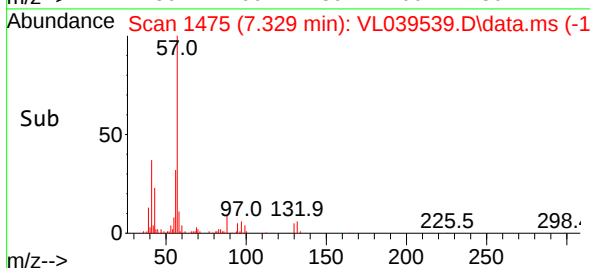
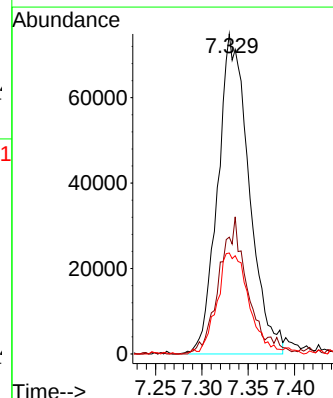
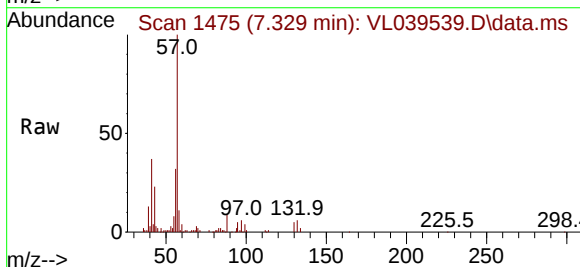
RT: 7.329 min Scan# 1475

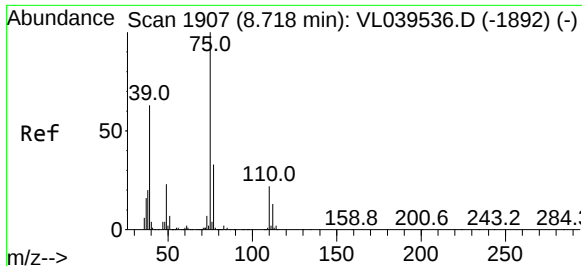
Delta R.T. -0.006 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Tgt Ion:	57	Resp:	176329
Ion	Ratio	Lower	Upper
57	100		
41	40.0	27.8	41.6
56	33.2	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 0.354 ppbv m

RT: 8.709 min Scan# 1907

Delta R.T. -0.009 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 2607

Ion Ratio Lower Upper

75 100

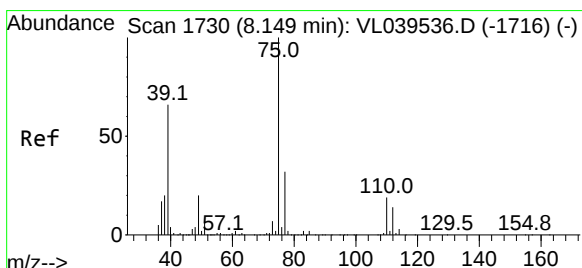
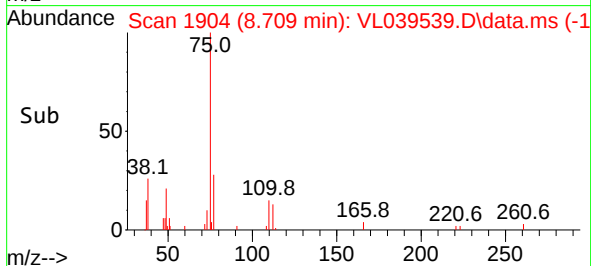
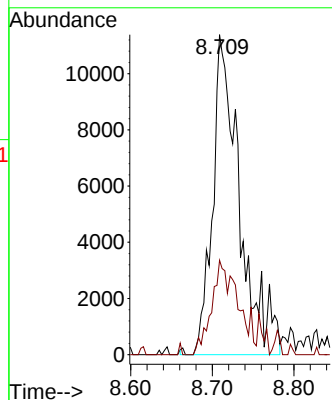
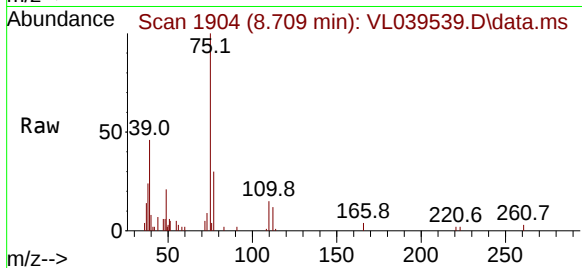
77 29.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#46

cis-1,3-Dichloropropene

Concen: 0.370 ppbv m

RT: 8.153 min Scan# 1731

Delta R.T. 0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

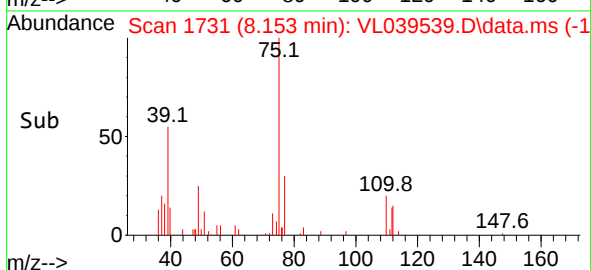
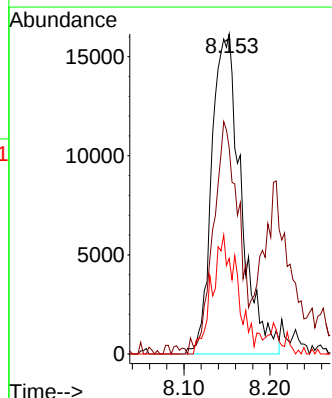
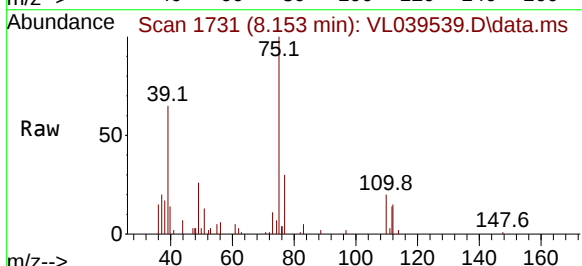
Tgt Ion: 75 Resp: 38086

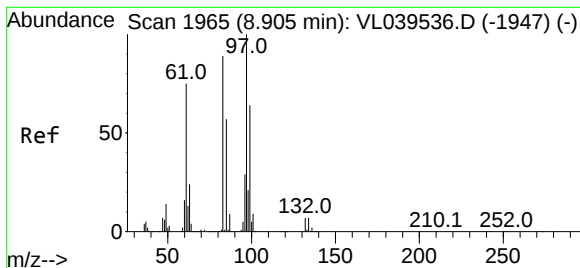
Ion Ratio Lower Upper

75 100

39 64.6 52.8 79.2

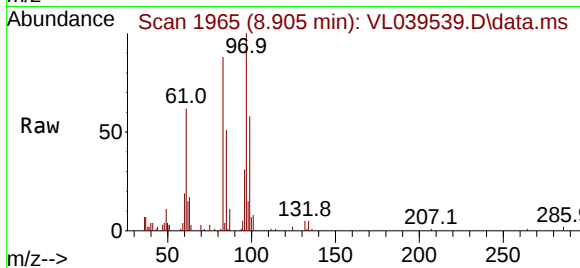
77 29.8 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 0.517 ppbv m
RT: 8.905 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

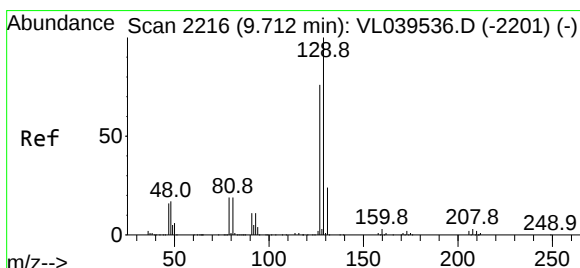
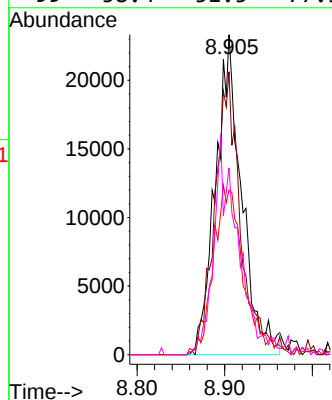
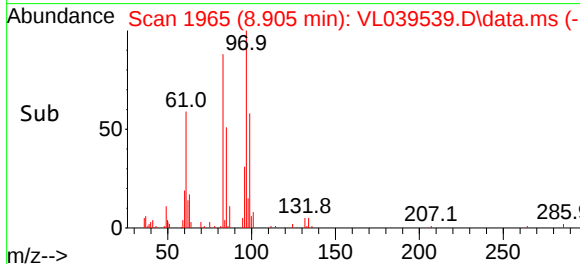
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



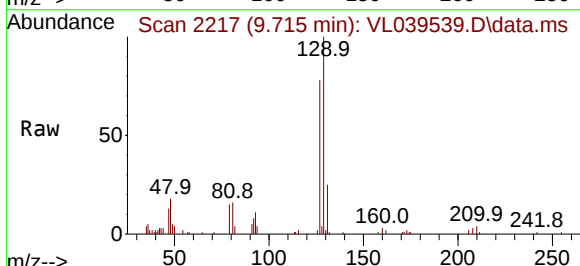
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.8	106.2
85	51.4	45.4	68.2
99	58.4	51.5	77.3

Manual Integrations
APPROVED

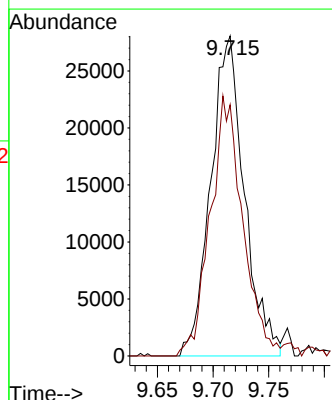
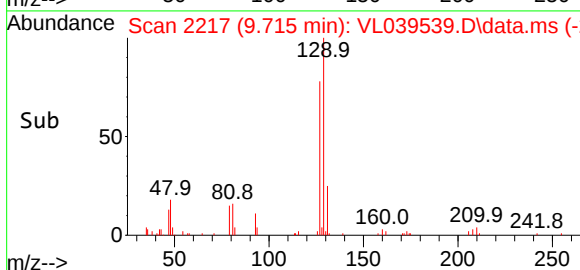
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

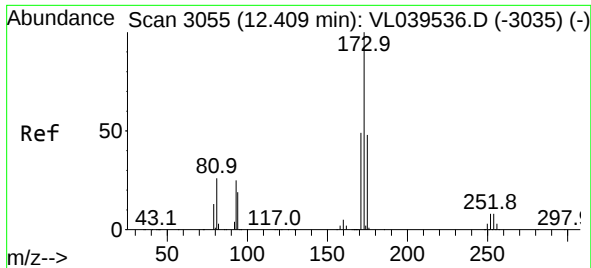


#48
Dibromochloromethane
Concen: 0.399 ppbv
RT: 9.715 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



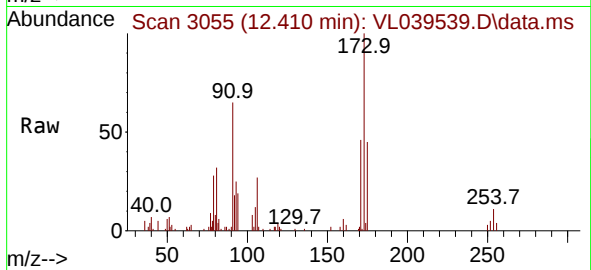
Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.2	38.8	116.3





#49
Bromoform
Concen: 0.378 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

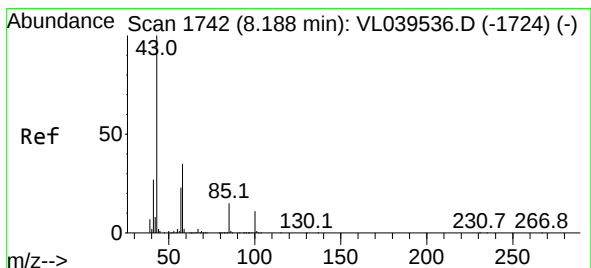
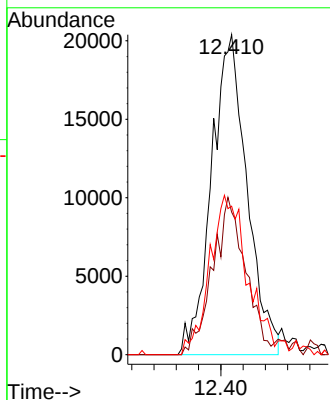
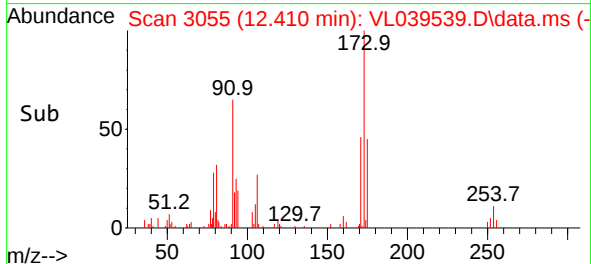
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



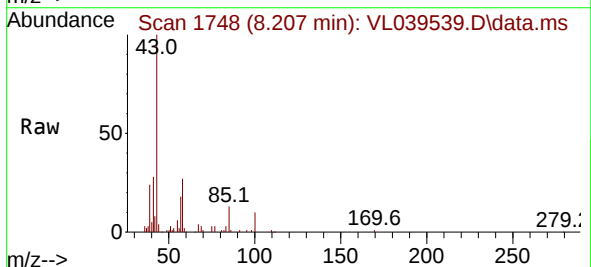
Tgt Ion: 173 Resp: 45070
Ion Ratio Lower Upper
173 100
175 48.2 0.0 0.0
171 55.0 0.0 0.0

Manual Integrations
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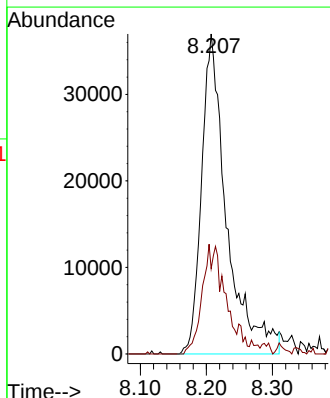
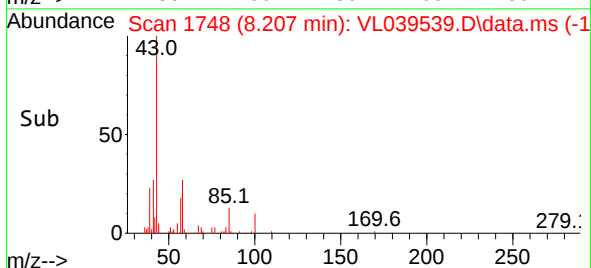
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

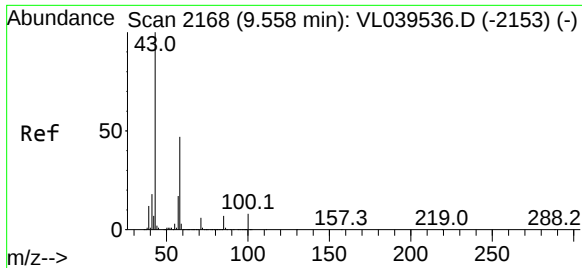


#50
4-Methyl-2-Pentanone
Concen: 0.442 ppbv m
RT: 8.207 min Scan# 1748
Delta R.T. 0.019 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



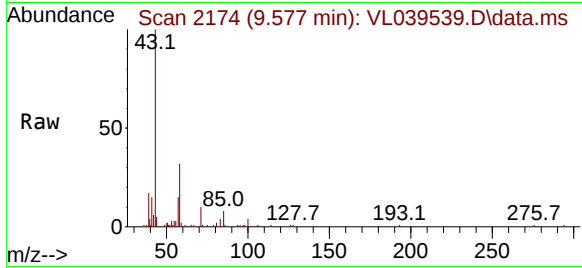
Tgt Ion: 43 Resp: 97604
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0





#51
2-Hexanone
Concen: 0.419 ppbv m
RT: 9.577 min Scan# 2168
Delta R.T. 0.019 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

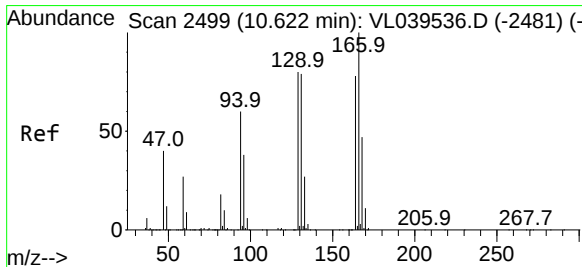
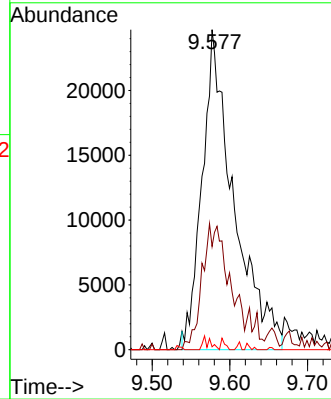
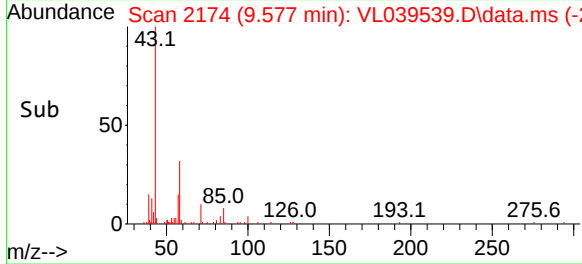
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 69714
Ion Ratio Lower Upper
43 100
58 38.0 37.5 56.3
98 1.8 0.5 0.7

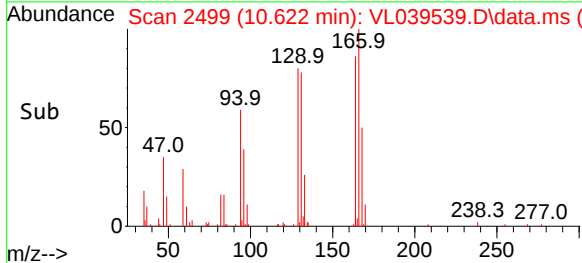
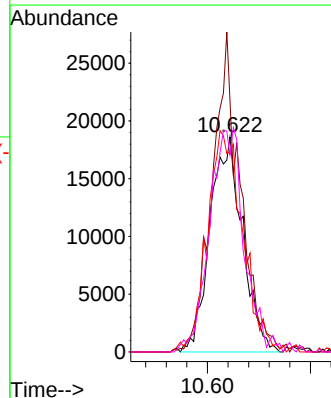
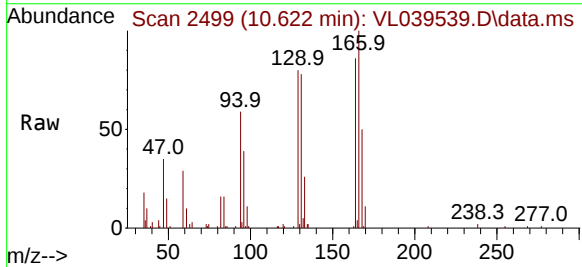
Manual Integrations
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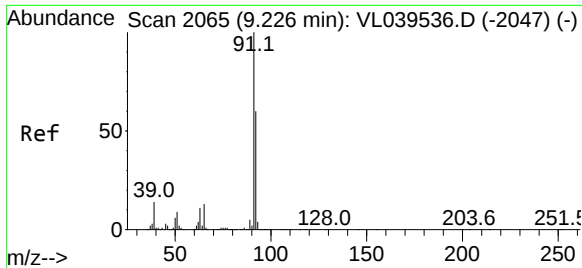
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#52
Tetrachloroethene
Concen: 0.455 ppbv m
RT: 10.622 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

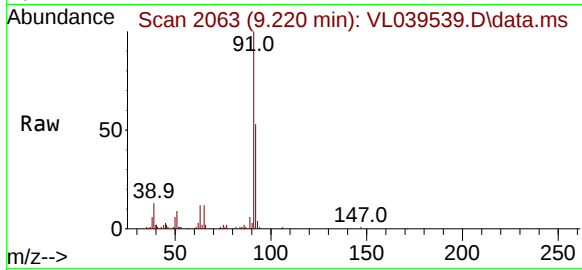
Tgt Ion:164 Resp: 40800
Ion Ratio Lower Upper
164 100
166 116.8 102.0 153.0
129 93.2 81.7 122.5
131 91.6 80.2 120.2





#53
Toluene
Concen: 0.411 ppbv m
RT: 9.220 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

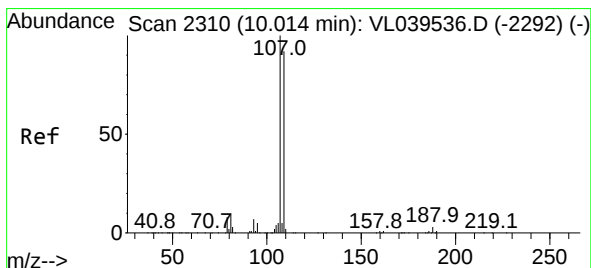
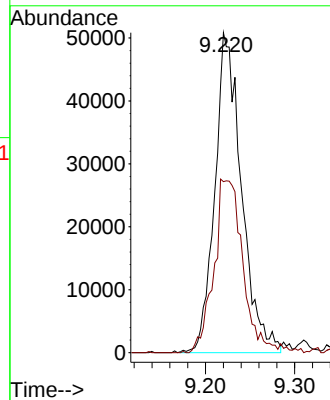
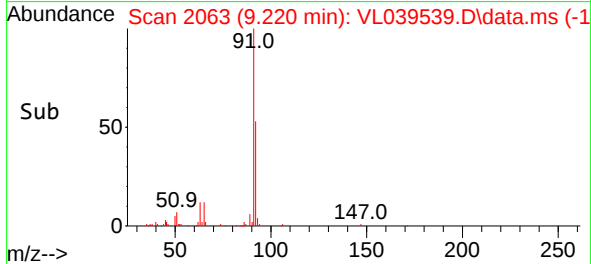
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 91 Resp: 105578
Ion Ratio Lower Upper
91 100
92 58.7 47.9 71.9

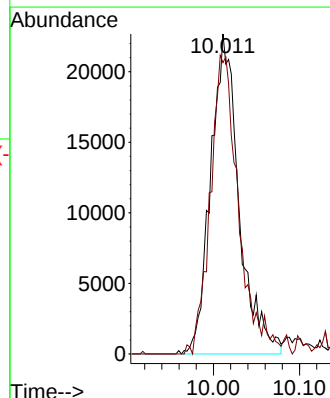
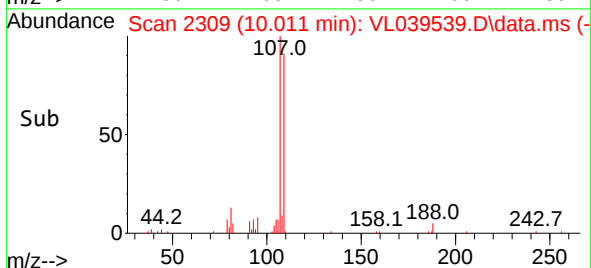
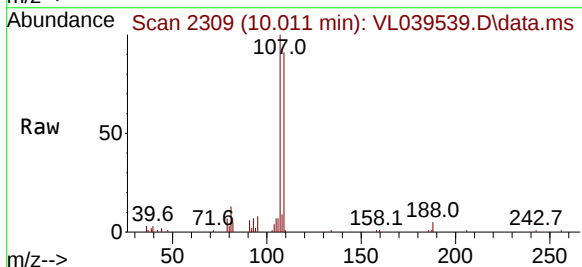
Manual Integrations
APPROVED

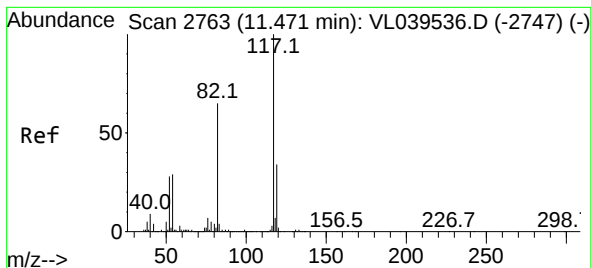
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#54
1,2-Dibromoethane
Concen: 0.452 ppbv m
RT: 10.011 min Scan# 2309
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:107 Resp: 51873
Ion Ratio Lower Upper
107 100
109 91.0 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:117 Resp: 2640750

Ion Ratio Lower Upper

117 100

82 64.8 49.1 73.7

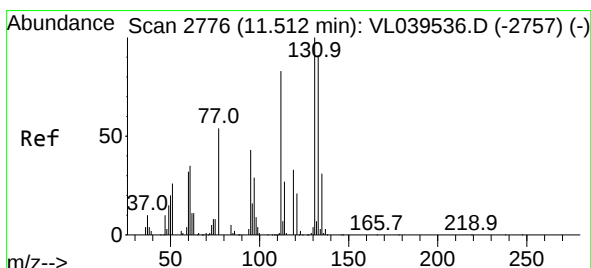
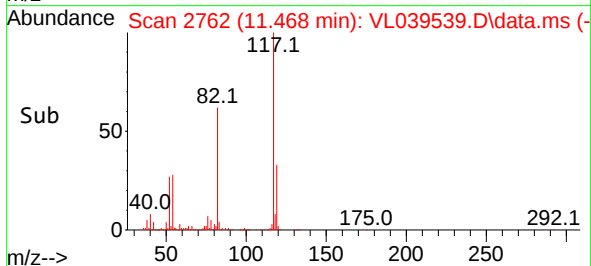
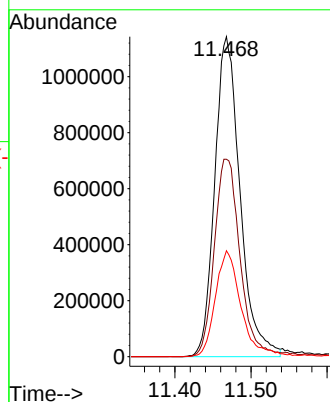
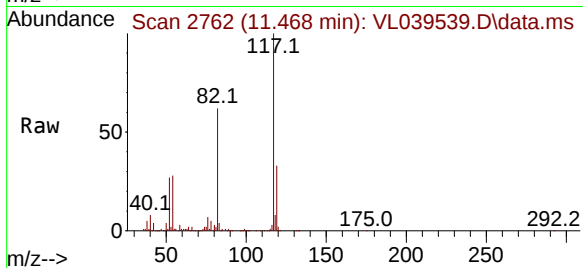
119 34.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.478 ppbv

RT: 11.506 min Scan# 2774

Delta R.T. -0.006 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

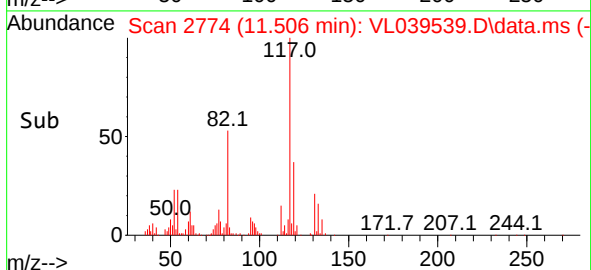
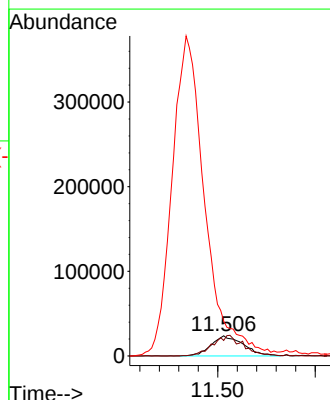
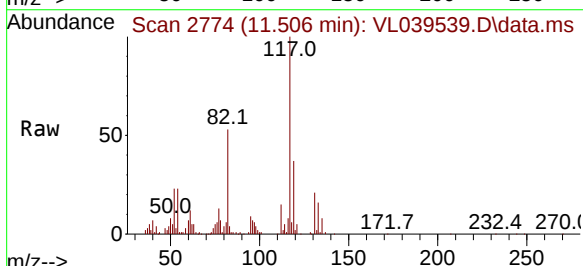
Tgt Ion:131 Resp: 54572

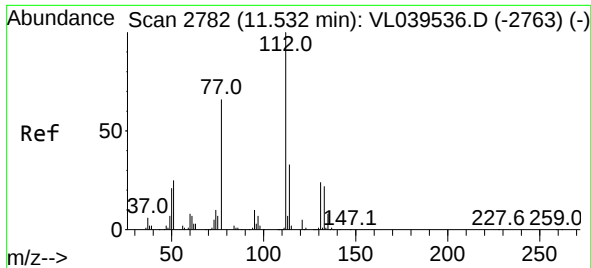
Ion Ratio Lower Upper

131 100

133 98.9 75.4 113.2

119 1647.4 47.4 71.2#





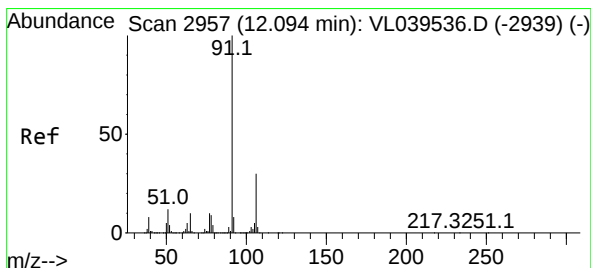
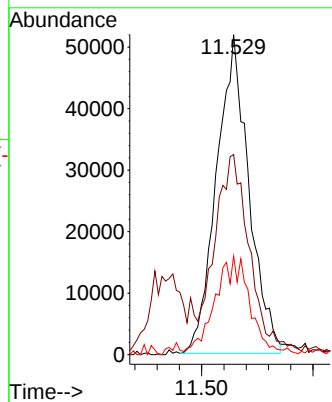
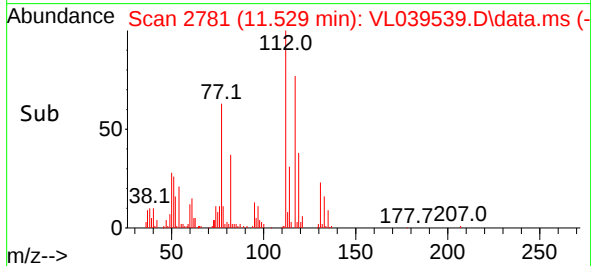
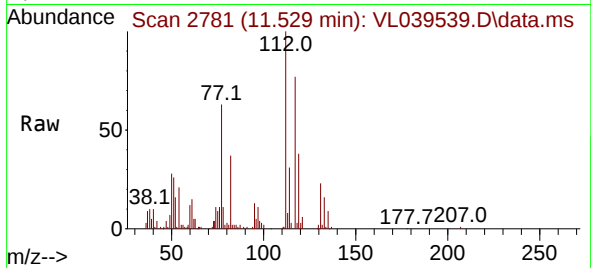
#57
Chlorobenzene
Concen: 0.519 ppbv
RT: 11.529 min Scan# 2781
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 104400
Ion Ratio Lower Upper
112 100
77 58.8 53.4 80.0
114 29.5 29.5 36.1

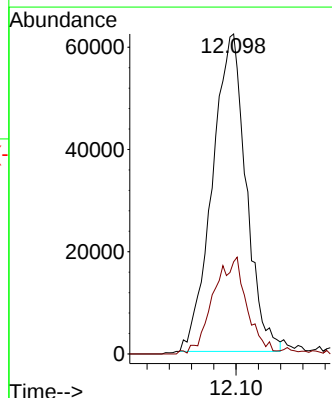
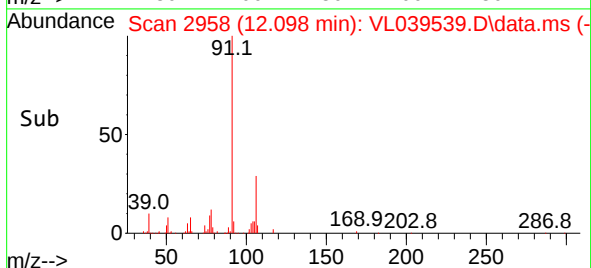
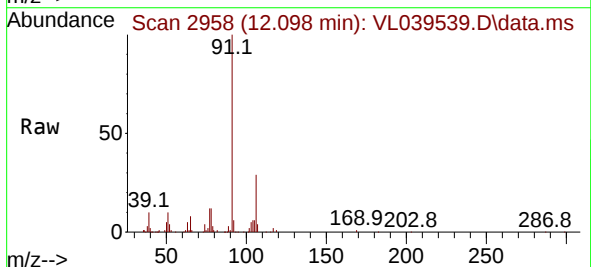
Manual Integrations
APPROVED

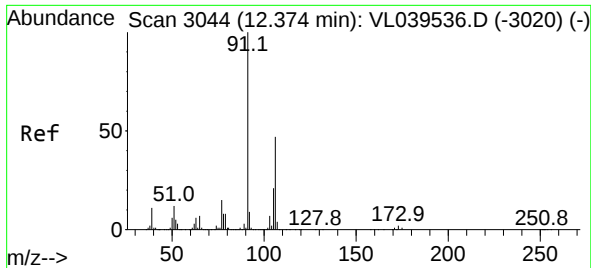
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#58
Ethyl Benzene
Concen: 0.392 ppbv
RT: 12.098 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 130879
Ion Ratio Lower Upper
91 100
106 28.0 24.2 36.4





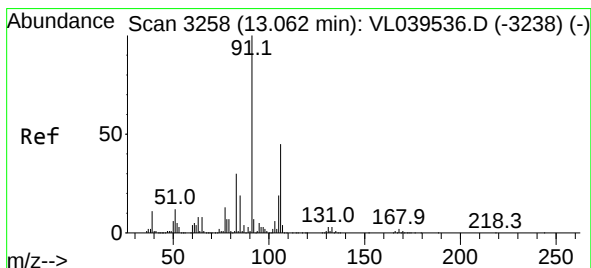
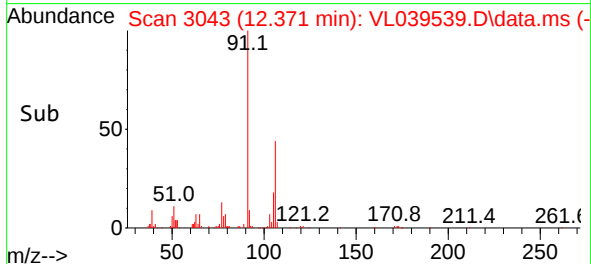
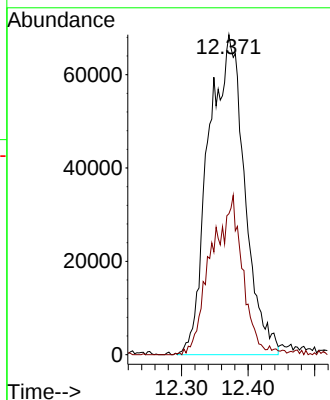
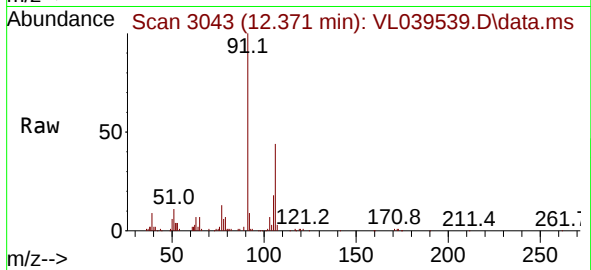
#59
m/p-Xylene
Concen: 0.880 ppbv m
RT: 12.371 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 258430
Ion Ratio Lower Upper
91 100
106 43.9 0.0 0.0

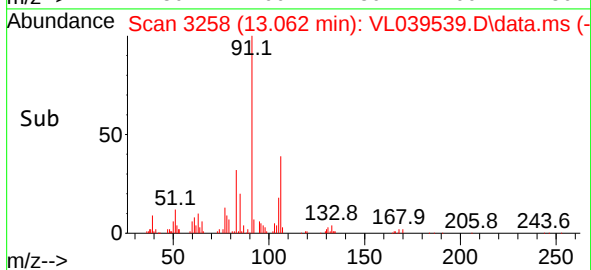
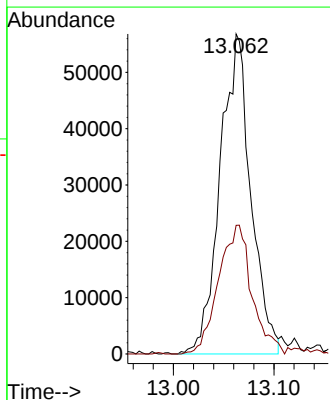
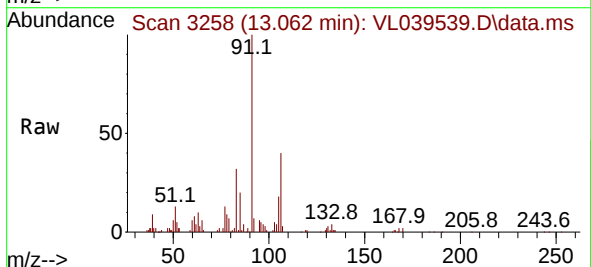
Manual Integrations
APPROVED

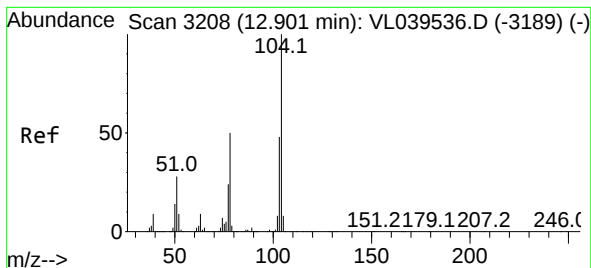
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#60
o-Xylene
Concen: 0.432 ppbv
RT: 13.062 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 120479
Ion Ratio Lower Upper
91 100
106 45.0 22.7 68.0





#61

Styrene

Concen: 0.341 ppbv m

RT: 12.898 min Scan# 3189

Delta R.T. -0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

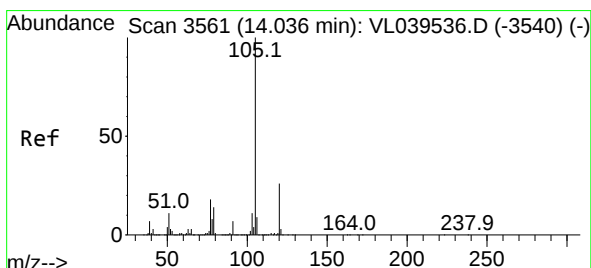
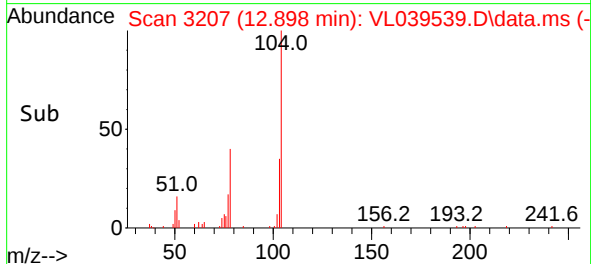
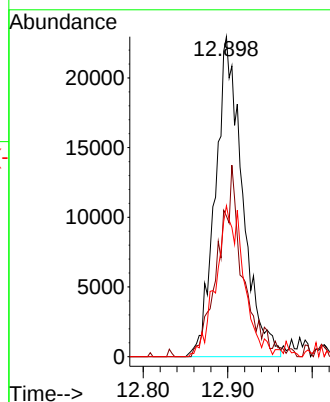
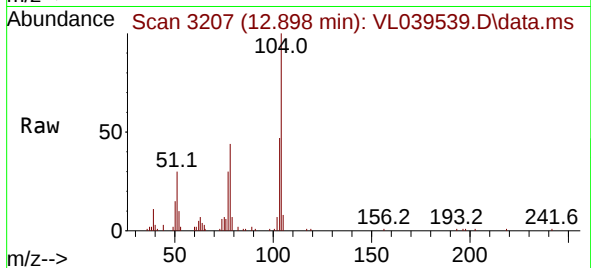
VSTDIC0.5

Tgt Ion:104 Resp: 51352
 Ion Ratio Lower Upper
 104 100
 78 54.8 40.0 60.0
 103 49.6 38.2 57.2

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Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#62

Isopropylbenzene

Concen: 0.461 ppbv m

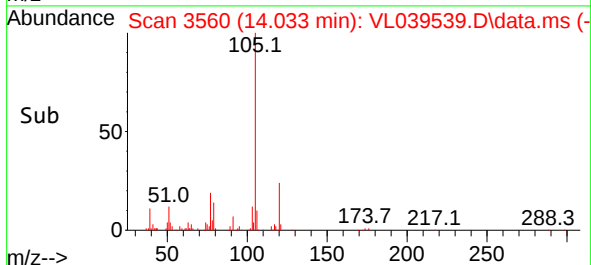
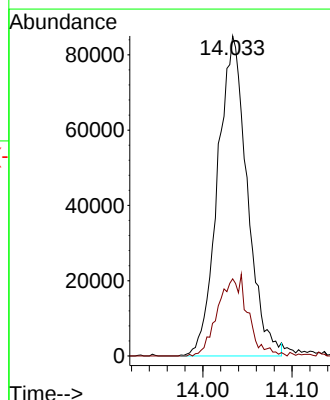
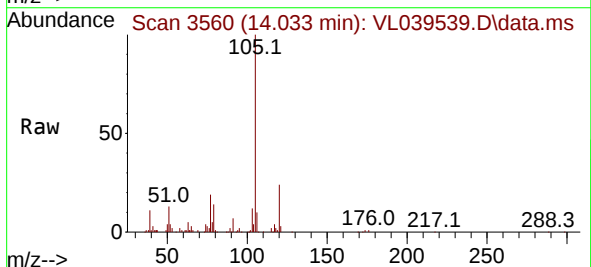
RT: 14.033 min Scan# 3560

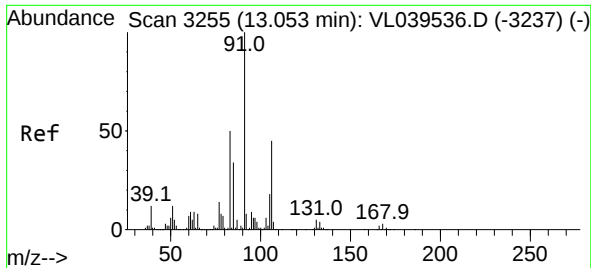
Delta R.T. -0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Tgt Ion:105 Resp: 195454
 Ion Ratio Lower Upper
 105 100
 120 25.6 20.6 30.8





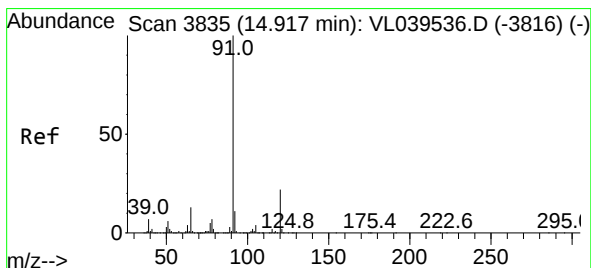
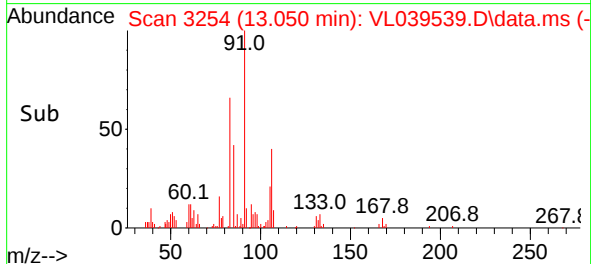
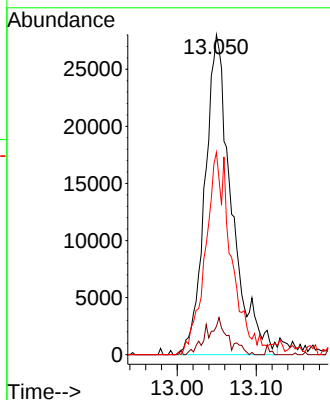
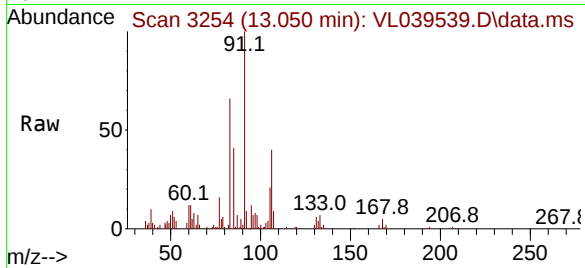
#63
1,1,2,2-Tetrachloroethane
Concen: 0.454 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 6589
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 63.3 33.2 99.6

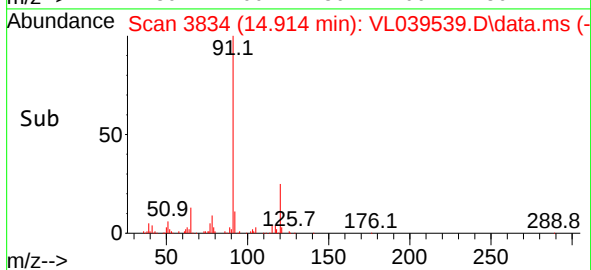
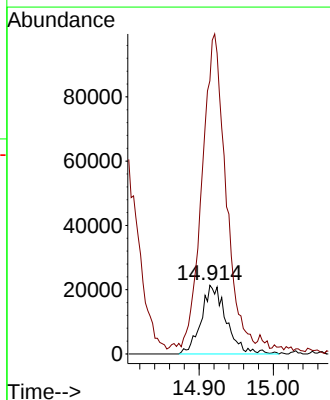
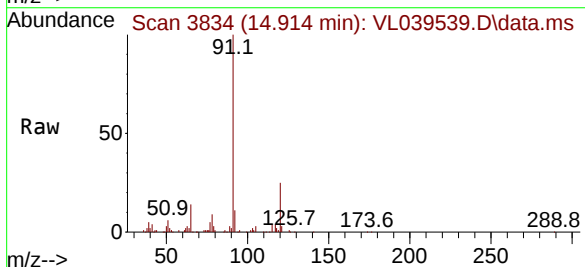
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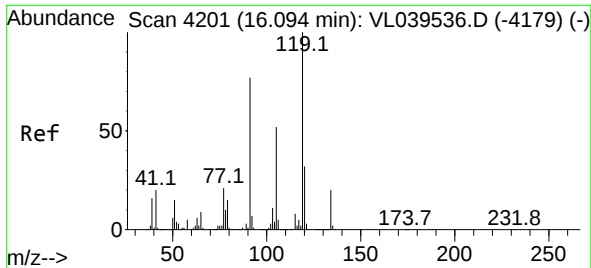
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#64
n-propylbenzene
Concen: 0.469 ppbv m
RT: 14.914 min Scan# 3834
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:120 Resp: 50188
Ion Ratio Lower Upper
120 100
91 0.0 372.6 559.0#





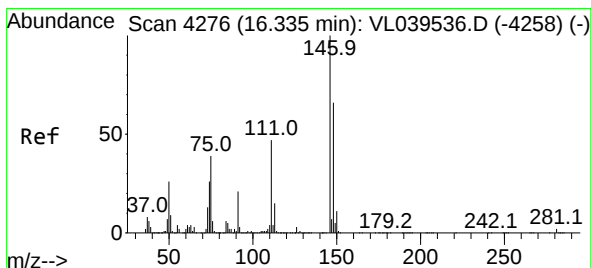
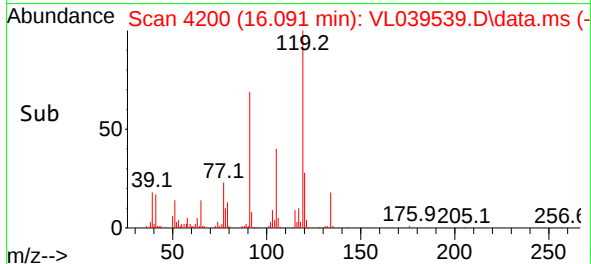
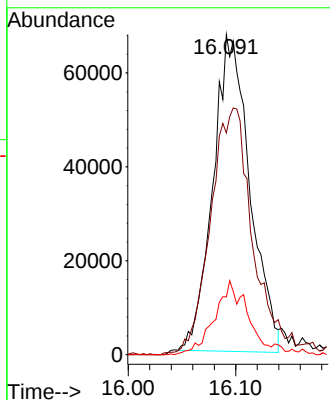
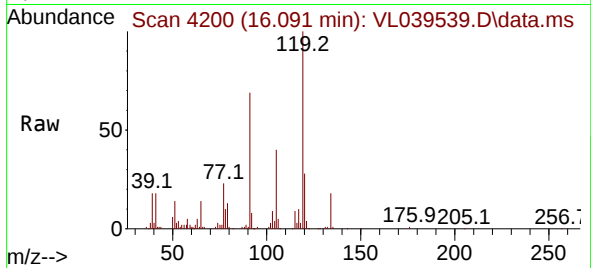
#65
 tert-Butylbenzene
 Concen: 0.413 ppbv
 RT: 16.091 min Scan# 4179
 Delta R.T. -0.003 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 119 Resp: 16095
 Ion Ratio Lower Upper
 119 100
 91 92.1 63.8 95.8
 134 22.1 15.4 23.2

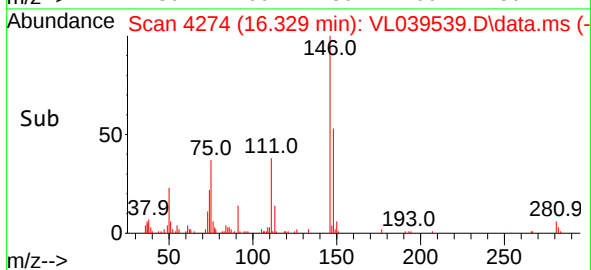
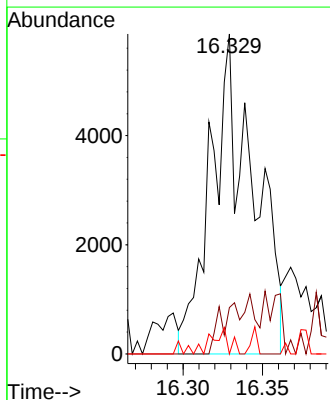
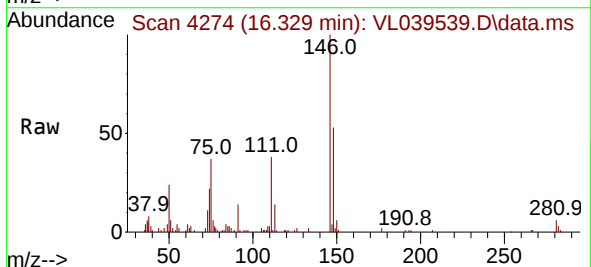
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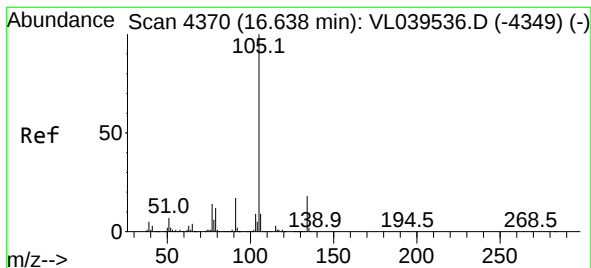
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#66
 Benzyl Chloride
 Concen: 0.304 ppbv m
 RT: 16.329 min Scan# 4274
 Delta R.T. -0.006 min
 Lab File: VL039539.D
 Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 10759
 Ion Ratio Lower Upper
 91 100
 126 0.0 0.0 0.0
 128 0.0 1.5 2.3





#67

sec-Butylbenzene

Concen: 0.466 ppbv m

RT: 16.641 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 24566

Ion Ratio Lower Upper

105 100

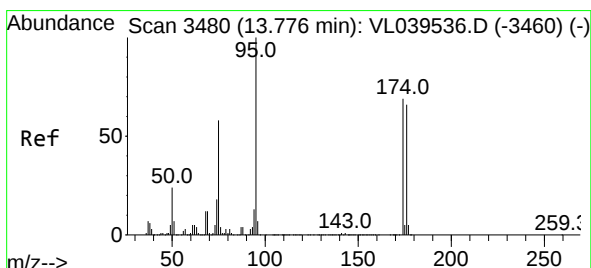
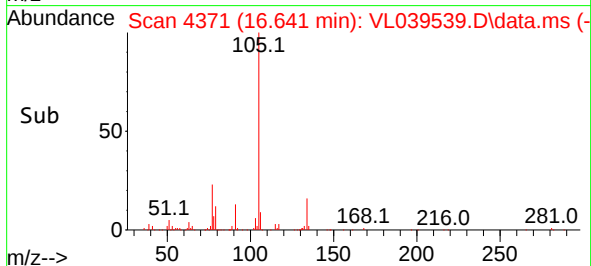
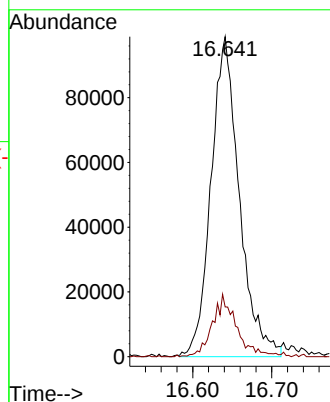
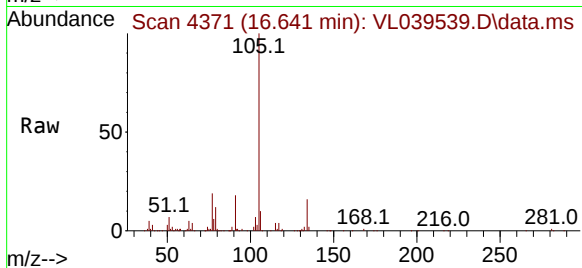
134 16.8 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.296 ppbv

RT: 13.776 min Scan# 3480

Delta R.T. 0.000 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

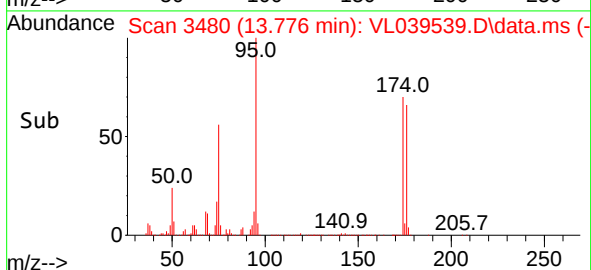
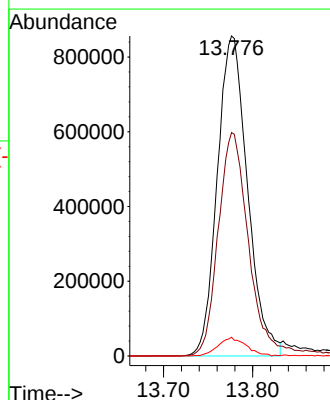
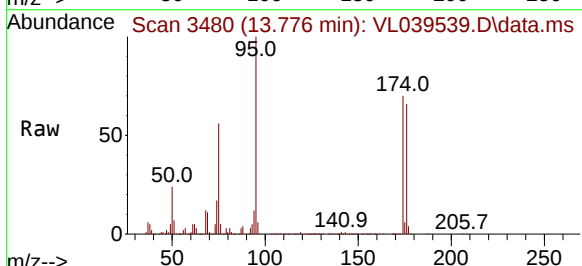
Tgt Ion: 95 Resp: 2018832

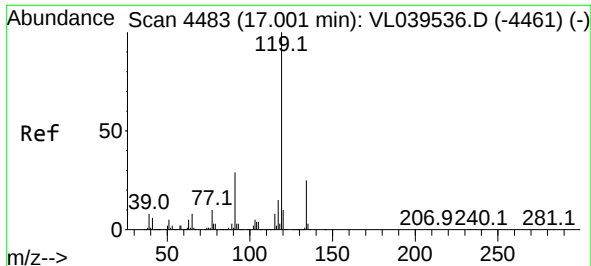
Ion Ratio Lower Upper

95 100

174 72.3 56.3 84.5

175 5.5 4.3 6.5





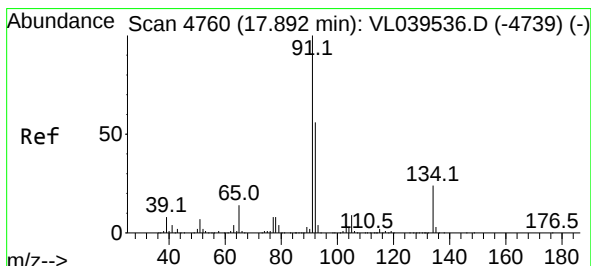
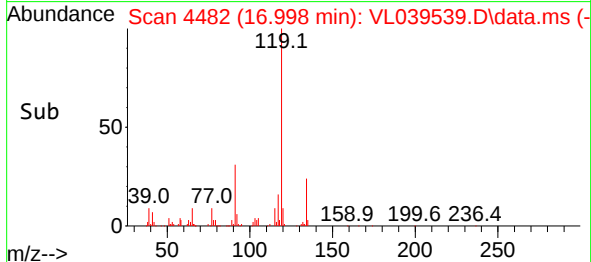
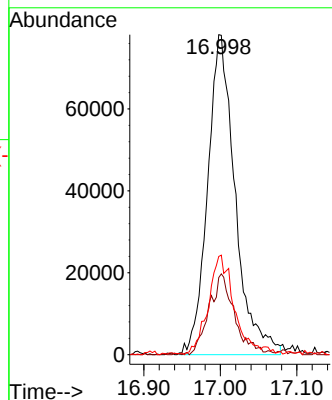
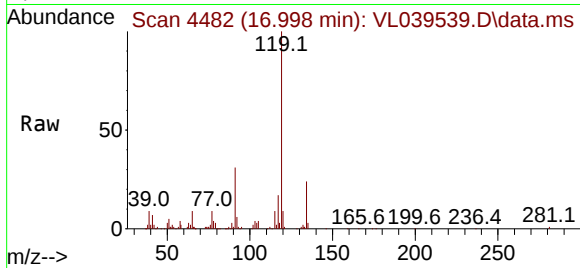
#69
p-Isopropyltoluene
Concen: 0.439 ppbv m
RT: 16.998 min Scan# 4482
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 19531
Ion Ratio Lower Upper
119 100
134 23.7 19.8 29.6
91 30.1 22.6 33.8

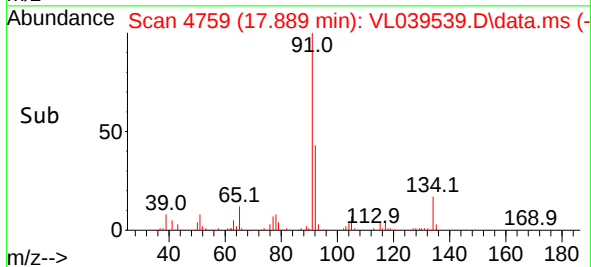
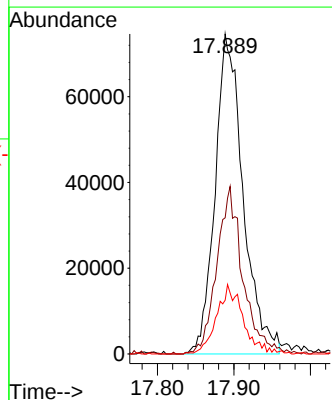
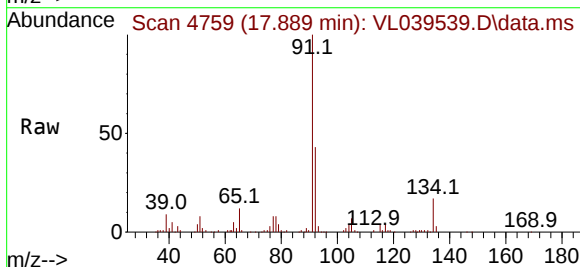
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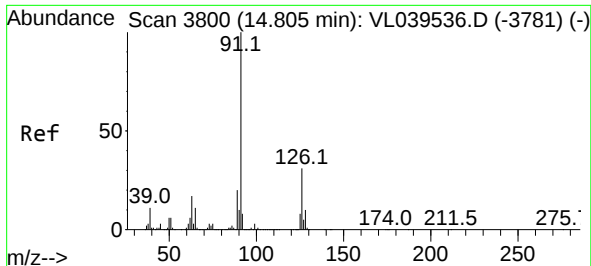
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#70
n-Butylbenzene
Concen: 0.438 ppbv m
RT: 17.889 min Scan# 4759
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 189854
Ion Ratio Lower Upper
91 100
92 48.8 43.0 64.6
134 20.7 18.1 27.1





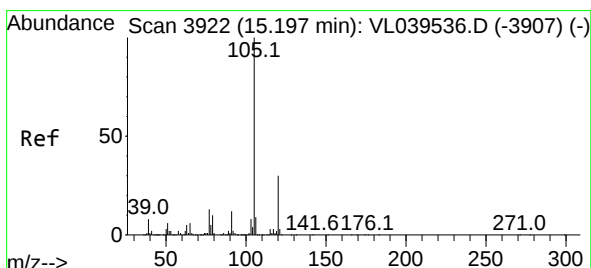
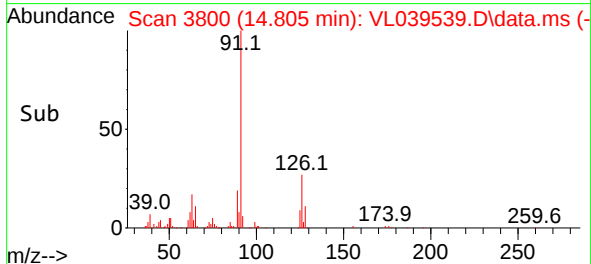
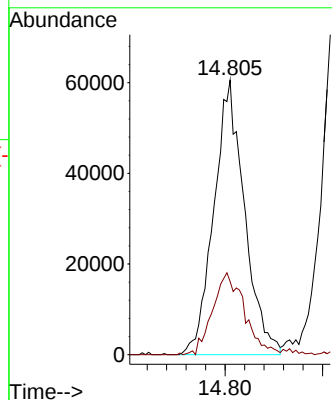
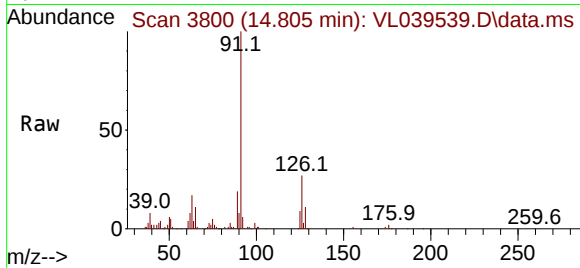
#71
2-Chlorotoluene
Concen: 0.435 ppbv
RT: 14.805 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 132190
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.5

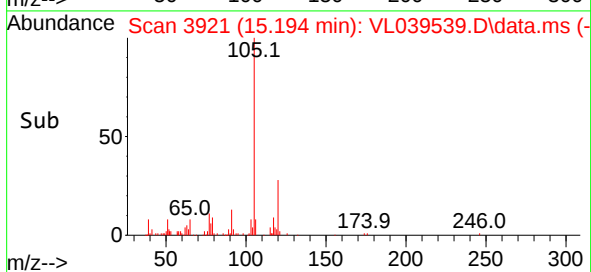
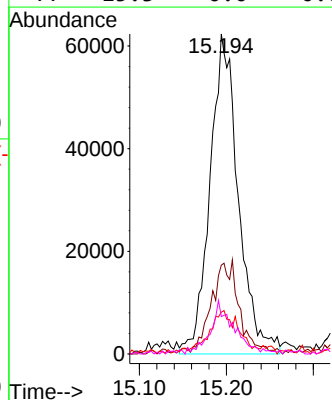
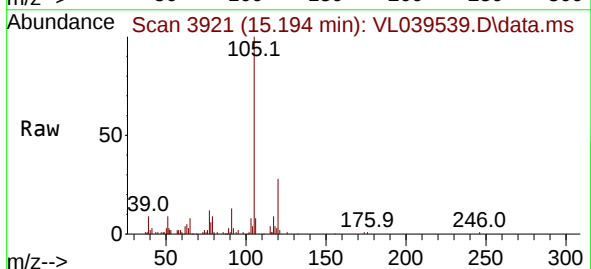
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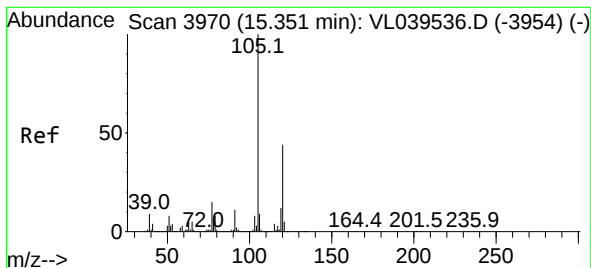
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#72
4-Ethyltoluene
Concen: 0.430 ppbv m
RT: 15.194 min Scan# 3921
Delta R.T. -0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:105 Resp: 141337
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.0
91 14.9 0.0 0.0#
77 15.3 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.433 ppbv m

RT: 15.358 min Scan# 3970

Delta R.T. 0.007 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 13013

Ion Ratio Lower Upper

105 100

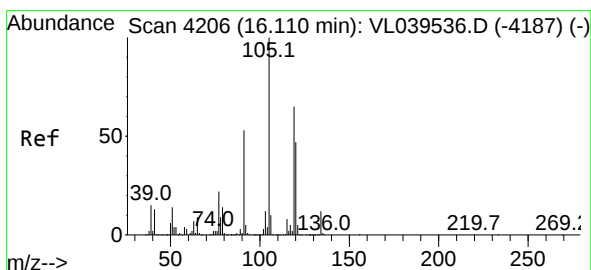
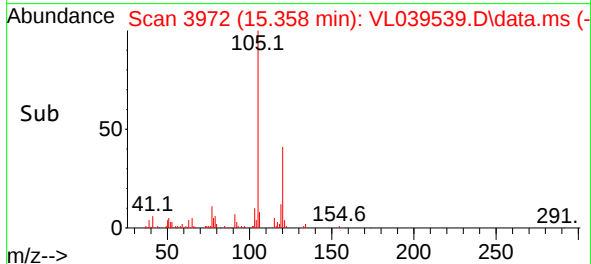
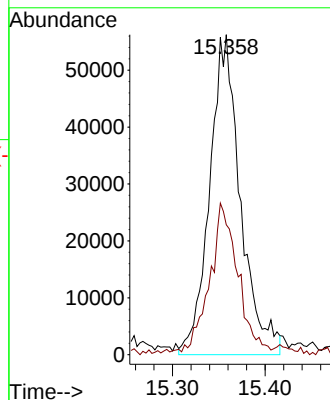
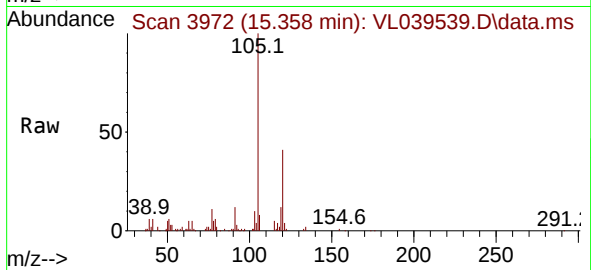
120 40.6 35.4 53.2

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Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.467 ppbv m

RT: 16.110 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Tgt Ion:105 Resp: 154708

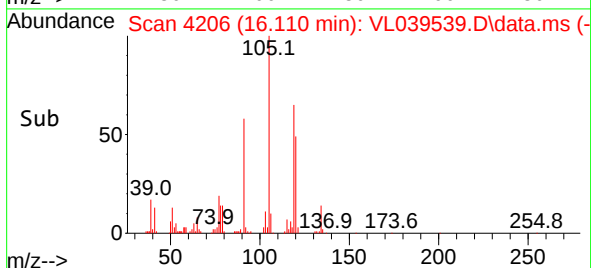
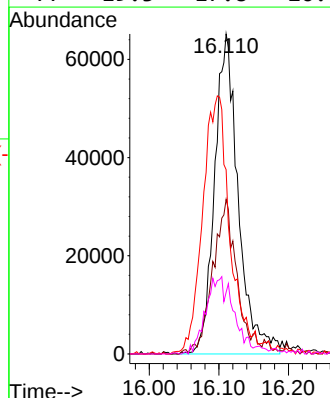
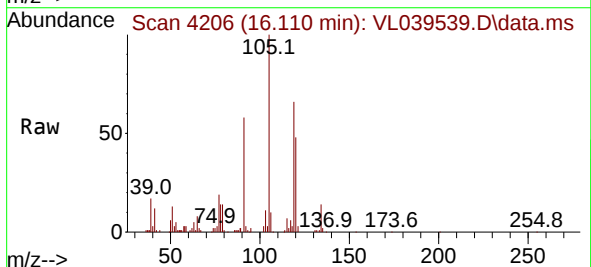
Ion Ratio Lower Upper

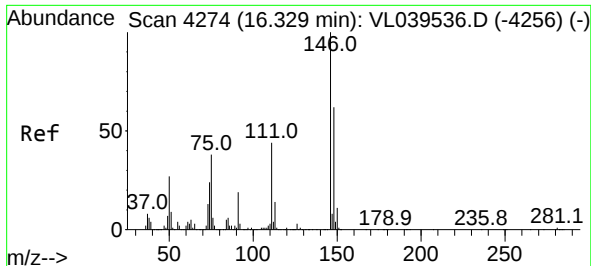
105 100

120 48.3 37.8 56.8

91 57.6 43.8 65.6

77 19.3 17.8 26.6





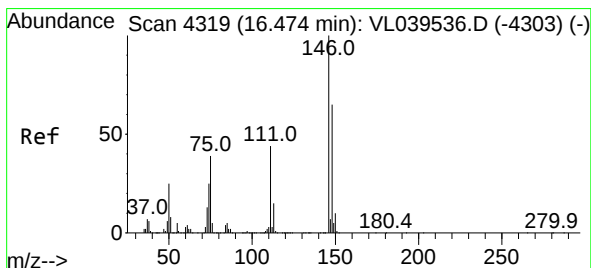
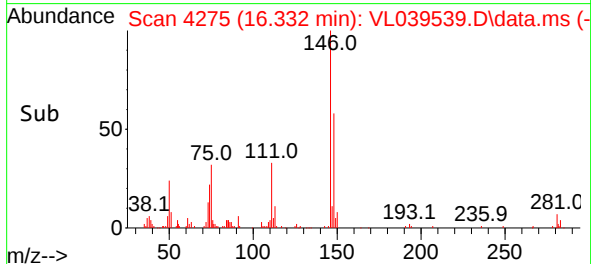
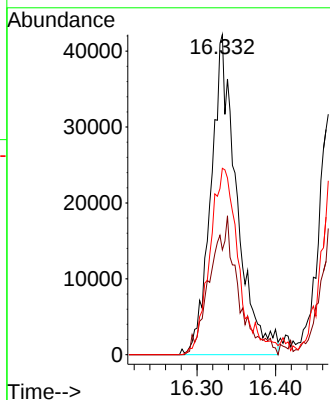
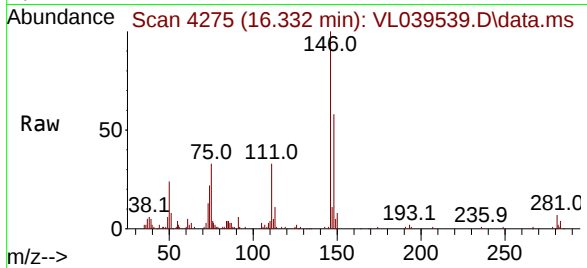
#75
1,3-Dichlorobenzene
Concen: 0.488 ppbv m
RT: 16.332 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 9648
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.5
148 67.0 32.4 97.0

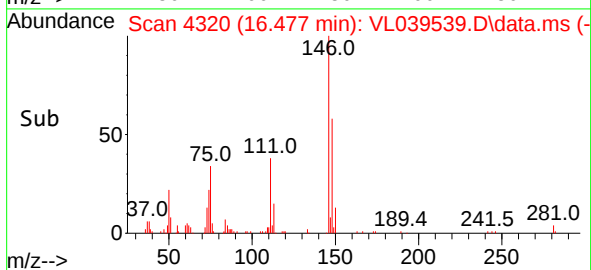
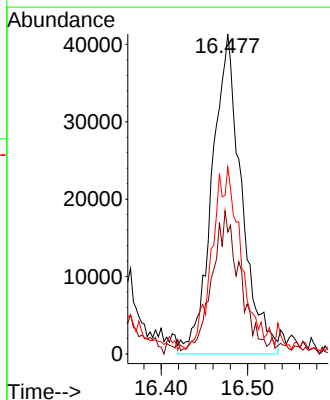
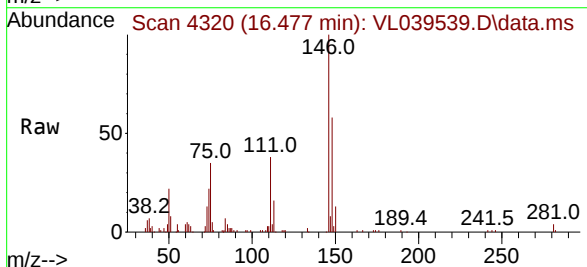
Manual Integrations
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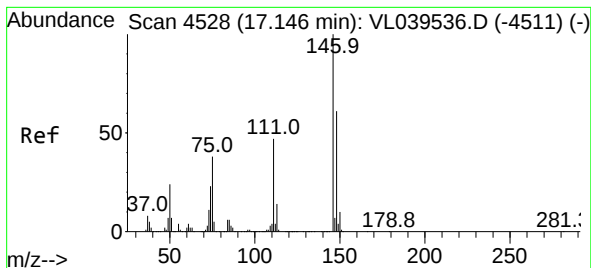
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#76
1,4-Dichlorobenzene
Concen: 0.495 ppbv m
RT: 16.477 min Scan# 4320
Delta R.T. 0.003 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:146 Resp: 97967
Ion Ratio Lower Upper
146 100
111 46.6 22.3 66.8
148 65.4 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 0.475 ppbv

RT: 17.143 min Scan# 4528

Delta R.T. -0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

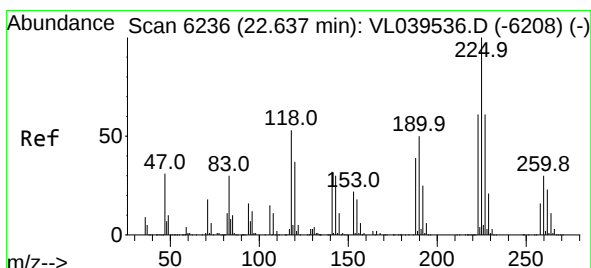
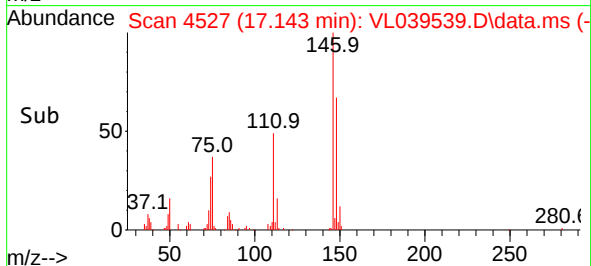
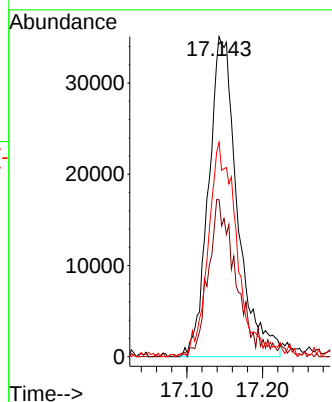
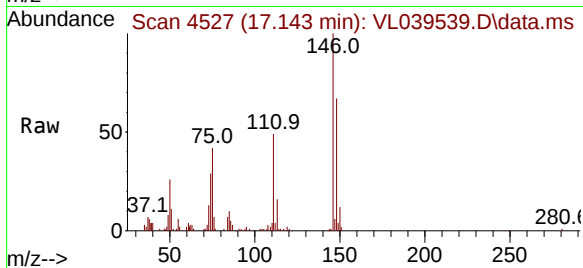
VSTDIC0.5

Tgt Ion:	146	Resp:	9283
Ion Ratio	Lower	Upper	
146	100		
111	48.4	23.9	71.8
148	67.2	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.502 ppbv

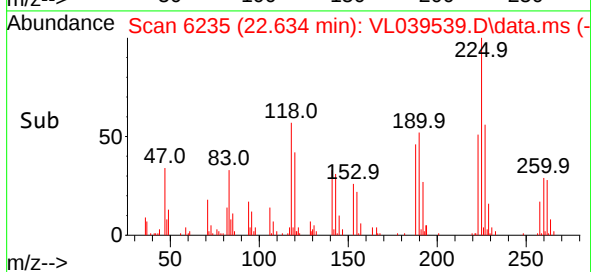
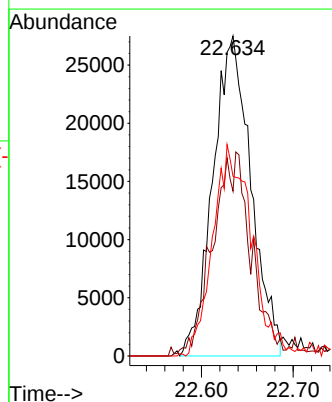
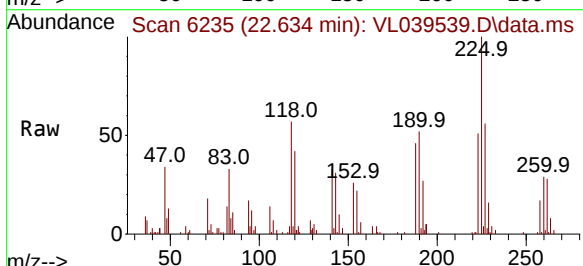
RT: 22.634 min Scan# 6235

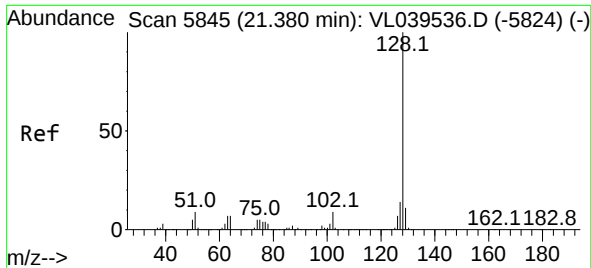
Delta R.T. -0.003 min

Lab File: VL039539.D

Acq: 17 Aug 2022 5:35

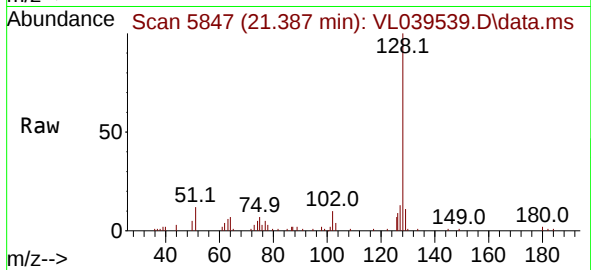
Tgt Ion:	225	Resp:	79390
Ion Ratio	Lower	Upper	
225	100		
223	64.4	0.0	0.0#
227	66.8	0.0	0.0#





#79
Naphthalene
Concen: 0.398 ppbv
RT: 21.387 min Scan# 5847
Delta R.T. 0.007 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

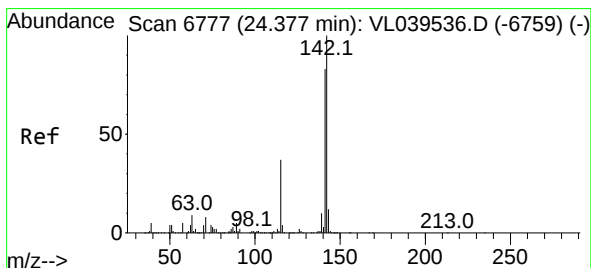
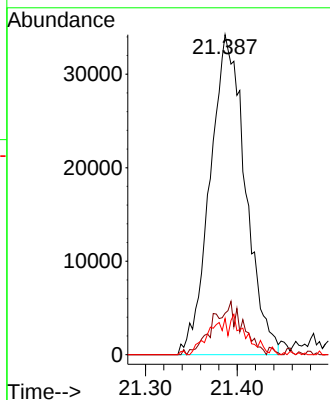
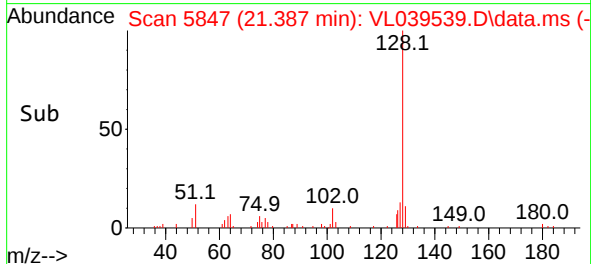
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



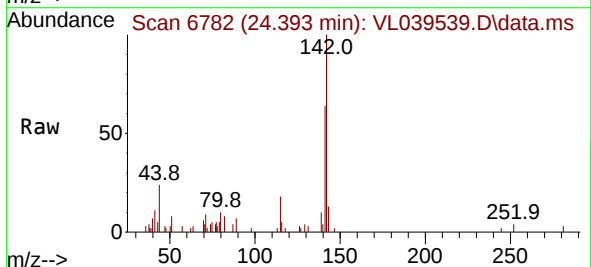
Tgt Ion:128 Resp: 91590
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.3 9.1 13.7

Manual Integrations
APPROVED

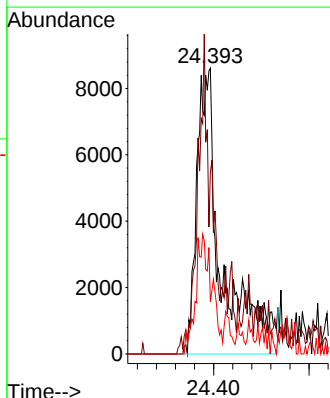
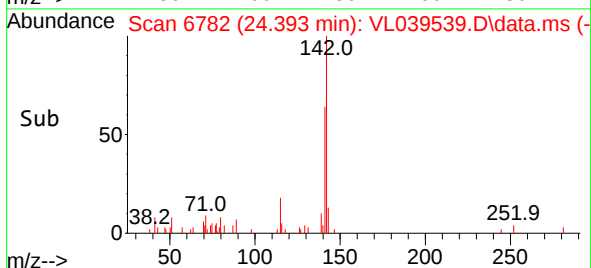
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

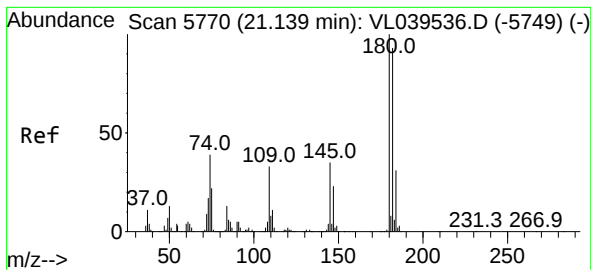


#80
Naphthalene,2-methyl-
Concen: 0.381 ppbv m
RT: 24.393 min Scan# 6782
Delta R.T. 0.016 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35



Tgt Ion:142 Resp: 31290
Ion Ratio Lower Upper
142 100
141 72.3 0.0 0.0#
115 26.9 0.0 0.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.457 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL039539.D

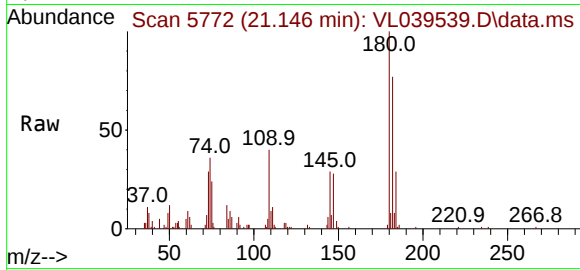
Acq: 17 Aug 2022 5:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 6819

Ion Ratio Lower Upper

180 100

182 97.7 0.0 0.0

184 30.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022

