

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039603.D
 Acq On : 31 Aug 2022 10:15
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/01/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Aug 31 23:43:31 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1032214	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2726824	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.487	117	2670589m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 1845602 9.160 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 91.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	1136747	8.276	ppbv	98
3) Chlorodifluoromethane	2.703	51	1244295	10.118	ppbv	96
4) Chloromethane	2.841	50	755579	10.200	ppbv	99
5) Vinyl Chloride	2.951	62	660102	11.041	ppbv	96
6) Bromomethane	3.150	94	254956	10.055	ppbv	92
7) Chloroethane	3.227	64	238538	10.650	ppbv	96
8) Dichlorotetrafluoroethane	2.886	85	1513845	10.302	ppbv	96
9) Propene	2.722	41	604366	10.740	ppbv	99
10) Heptane	7.600	43	1433309	10.999	ppbv	99
11) Trichlorofluoromethane	3.591	101	1495443	9.920	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.095	101	1155371	10.362	ppbv	97
13) Ethanol	3.275	45	29541	7.305	ppbv	96
14) Bromoethene	3.394	108	490237	10.760	ppbv	99
15) Acetone	3.494	43	1155263	9.991	ppbv	99
16) 1,3-Butadiene	3.015	39	649369	10.763	ppbv	98
17) tert-Butyl alcohol	3.902	59	1037995	10.519	ppbv	99
18) 1,1-Dichloroethene	3.909	96	511965	10.194	ppbv	93
19) Isopropyl Alcohol	3.600	45	610566	10.855	ppbv #	97
20) Methylene Chloride	3.960	84	445768	9.489	ppbv	92
21) Allyl Chloride	4.025	41	802912	10.675	ppbv	97
22) trans-1,2-Dichloroethene	4.468	96	518672	10.384	ppbv	96
23) Vinyl Acetate	4.652	43	581638	10.579	ppbv	99
24) 1,1-Dichloroethane	4.587	63	1057362	10.390	ppbv	100
25) Ethyl Acetate	5.227	43	2571658	10.395	ppbv	99
26) Hexane	5.234	57	1072787	10.624	ppbv	96
27) Carbon Disulfide	4.150	76	1254832	11.633	ppbv	100
28) Methyl tert-Butyl Ether	4.613	73	913839	10.491	ppbv	99
29) Chloroform	5.298	83	1607309	10.178	ppbv	96
30) Cyclohexane	6.623	84	896418	10.721	ppbv	95
31) cis-1,2-Dichloroethene	5.102	61	1060782	10.846	ppbv	99
32) 1,1,1-Trichloroethane	6.028	97	1539904	11.084	ppbv	99
34) 2-Butanone	4.812	43	1502151	11.081	ppbv	99
35) Carbon Tetrachloride	6.516	117	1633190	11.080	ppbv	98
36) Benzene	6.391	78	2246803	10.809	ppbv	98
37) 1,2-Dichloroethane	5.828	62	1202222	10.500	ppbv	98
38) Trichloroethene	7.311	130	1233884	11.079	ppbv	97
39) 1,2-Dichloropropane	7.092	63	861819	11.028	ppbv	93
40) 1,4-Dioxane	7.307	88	315596	10.315	ppbv	82
41) Tetrahydrofuran	5.581	42	942382	11.637	ppbv	96
42) Bromodichloromethane	7.269	83	1742827	11.124	ppbv	100
43) Methyl Methacrylate	7.497	69	889245	11.864	ppbv	98
44) 2,2,4-Trimethylpentane	7.346	57	3770918	10.762	ppbv	99
45) t-1,3-Dichloropropene	8.729	75	845522m	12.953	ppbv	

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

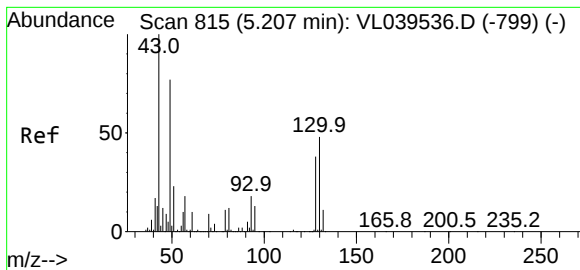
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

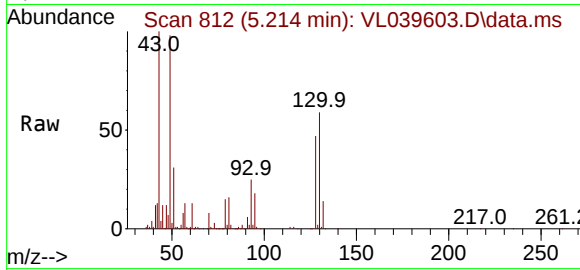
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	1156592	12.792	ppbv	96
47) 1,1,2-Trichloroethane	8.918	97	920656	10.315	ppbv	99
48) Dibromochloromethane	9.725	129	1541932	11.720	ppbv	99
49) Bromoform	12.423	173	1308248	12.005	ppbv	99
50) 4-Methyl-2-Pentanone	8.204	43	2388988	11.312	ppbv	99
51) 2-Hexanone	9.571	43	1849424	11.898	ppbv	100
52) Tetrachloroethene	10.632	164	874401	11.119	ppbv	96
53) Toluene	9.240	91	2670217	11.478	ppbv	99
54) 1,2-Dibromoethane	10.028	107	1116310	11.183	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.526	131	1114963	10.275	ppbv	97
57) Chlorobenzene	11.545	112	2013983	10.109	ppbv	98
58) Ethyl Benzene	12.105	91	3469835	11.309	ppbv	99
59) m/p-Xylene	12.391	91	5889952m	21.397	ppbv	
60) o-Xylene	13.076	91	2795521	10.580	ppbv	98
61) Styrene	12.918	104	1735808	12.334	ppbv	98
62) Isopropylbenzene	14.047	105	4111699	10.290	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.063	83	1169217	9.344	ppbv	99
64) n-propylbenzene	14.934	120	1067651	10.281	ppbv	94
65) tert-Butylbenzene	16.108	119	3684778	10.374	ppbv	100
66) Benzyl Chloride	16.349	91	364327	12.628	ppbv	98
67) sec-Butylbenzene	16.658	105	5164697	10.266	ppbv	99
69) p-Isopropyltoluene	17.014	119	4335872	10.383	ppbv	99
70) n-Butylbenzene	17.905	91	4323498	10.406	ppbv	99
71) 2-Chlorotoluene	14.818	91	3051614	10.545	ppbv	100
72) 4-Ethyltoluene	15.211	105	3358340	10.870	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2970144	10.520	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	3233669	10.279	ppbv	99
75) 1,3-Dichlorobenzene	16.349	146	1990362	10.406	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1906250	10.003	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1888399	10.082	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	1386807	9.297	ppbv	99
79) Naphthalene	21.400	128	2826716	12.616	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	1266352	13.926	ppbv	99
81) 1,2,4-Trichlorobenzene	21.156	180	1594681	10.659	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

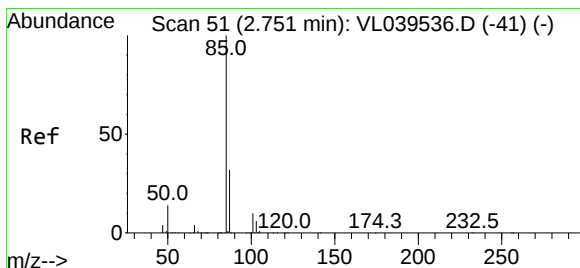
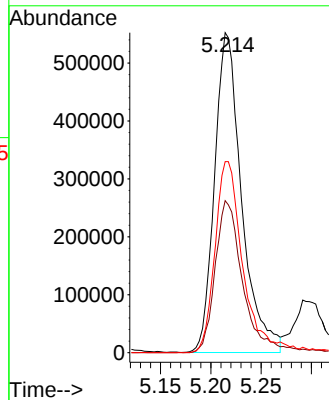
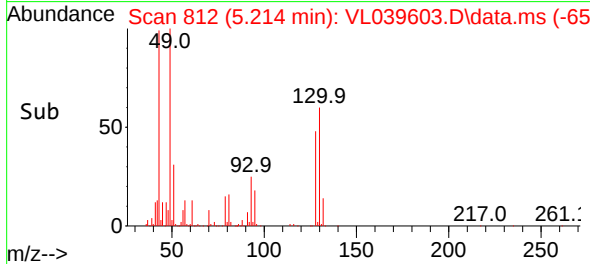
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1032214
Ion Ratio Lower Upper
49 100
128 49.6 26.7 80.0
130 63.6 34.3 102.8

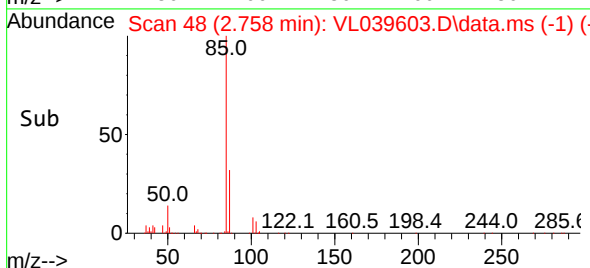
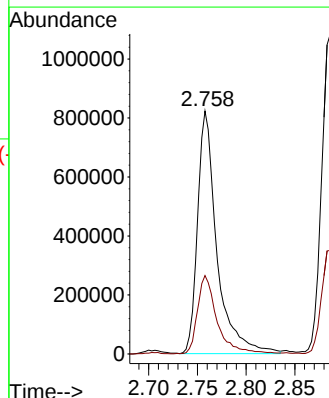
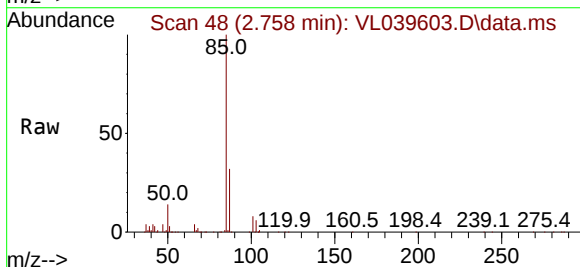
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#2
Dichlorodifluoromethane
Concen: 8.276 ppbv
RT: 2.758 min Scan# 48
Delta R.T. 0.007 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 85 Resp: 1136747
Ion Ratio Lower Upper
85 100
87 32.3 26.7 40.1





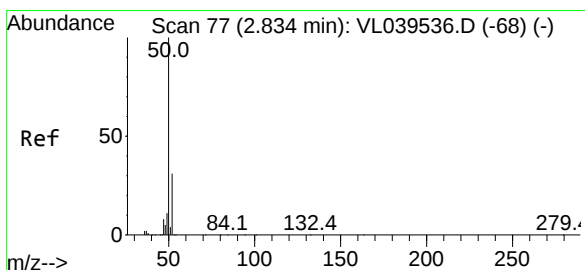
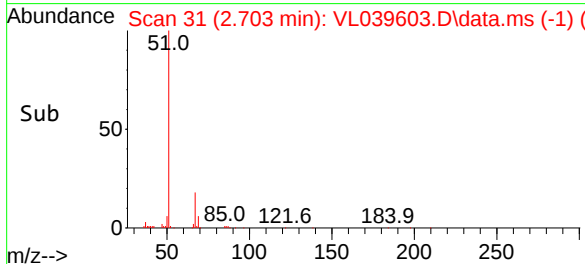
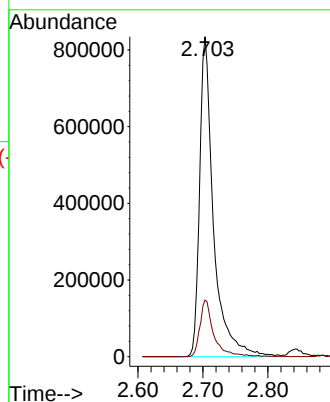
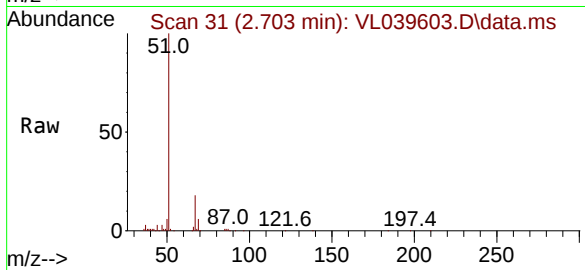
#3
Chlorodifluoromethane
Concen: 10.118 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 124429
Ion Ratio Lower Upper
51 100
67 17.9 15.7 23.5

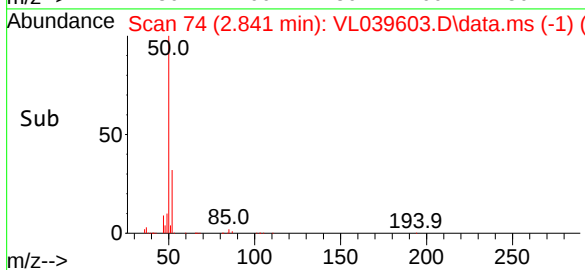
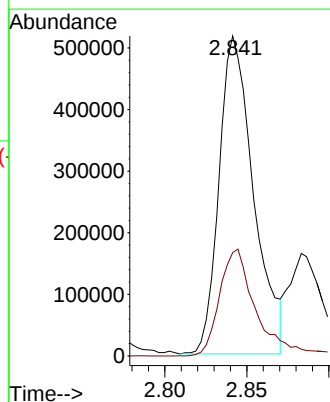
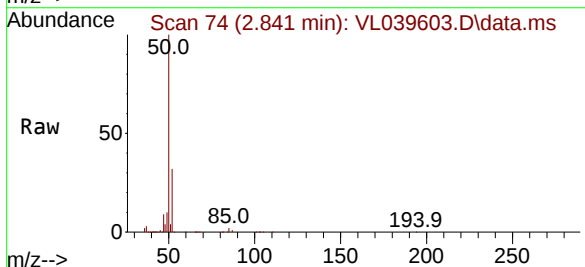
Manual Integrations
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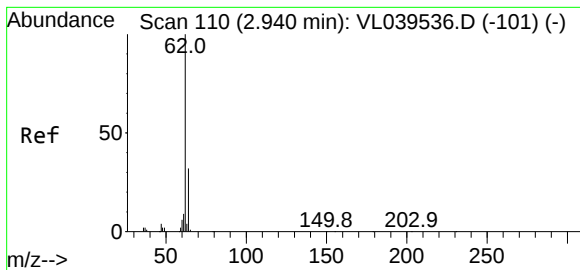
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Chloromethane
Concen: 10.200 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 50 Resp: 755579
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7





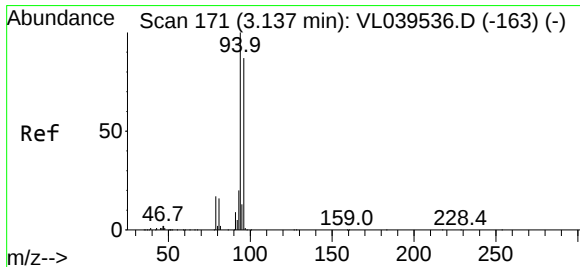
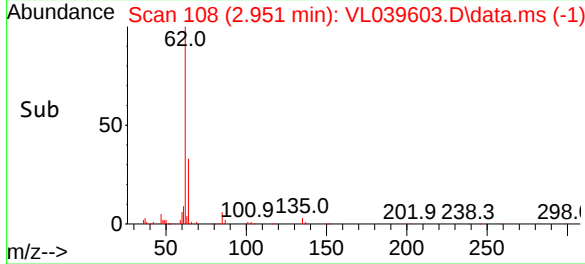
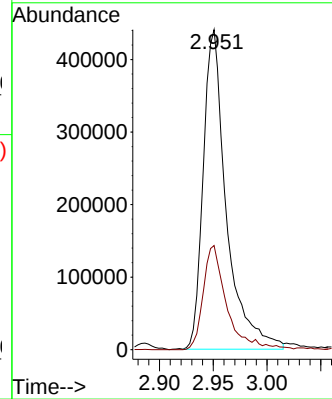
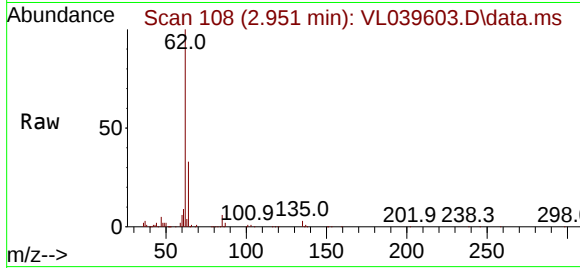
#5
 Vinyl Chloride
 Concen: 11.041 ppbv
 RT: 2.951 min Scan# 110
 Delta R.T. 0.010 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 660102
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.6 36.8

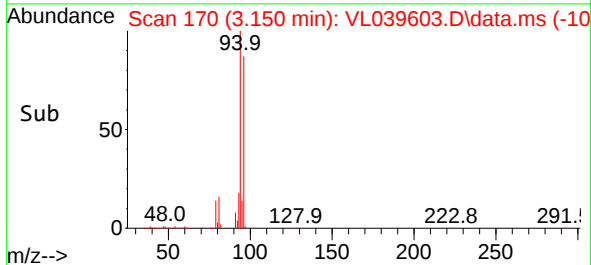
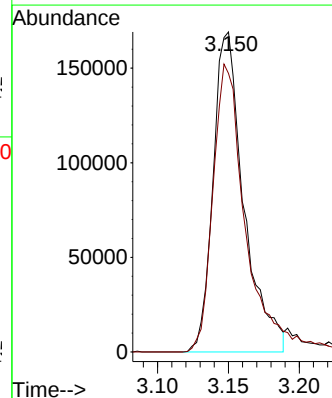
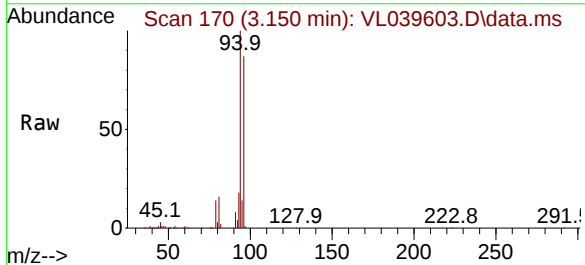
Manual Integrations
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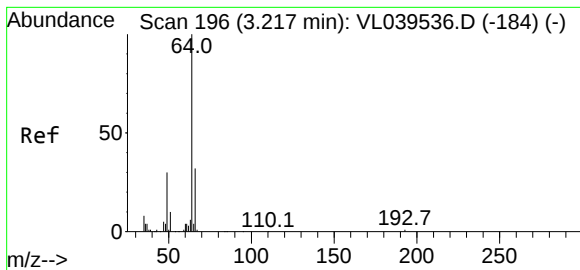
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#6
 Bromomethane
 Concen: 10.055 ppbv
 RT: 3.150 min Scan# 170
 Delta R.T. 0.013 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Tgt Ion: 94 Resp: 254956
 Ion Ratio Lower Upper
 94 100
 96 87.1 75.6 113.4





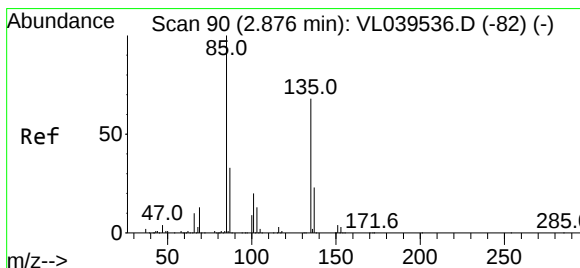
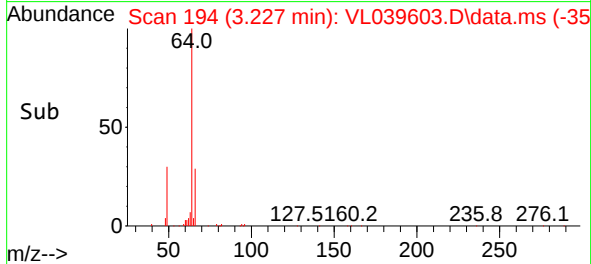
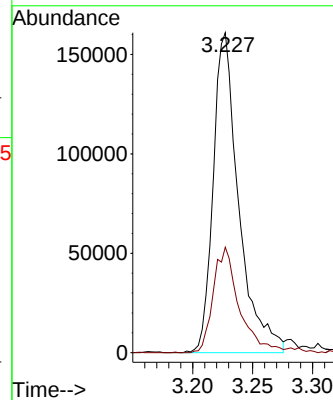
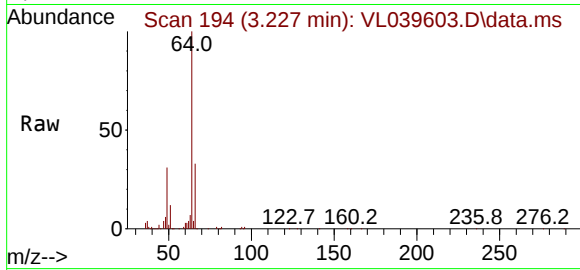
#7
Chloroethane
Concen: 10.650 ppbv
RT: 3.227 min Scan# 196
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 238538
Ion Ratio Lower Upper
64 100
66 32.9 24.7 37.1

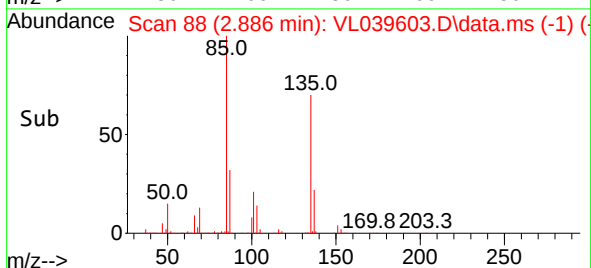
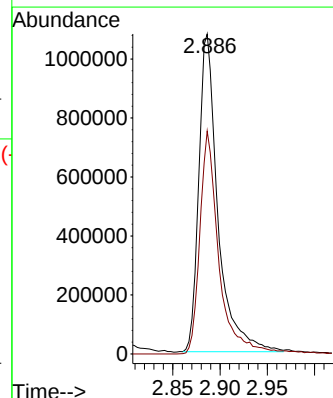
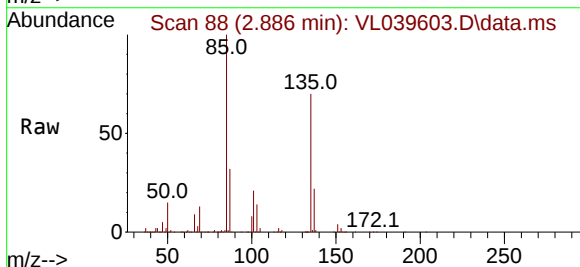
Manual Integrations
APPROVED

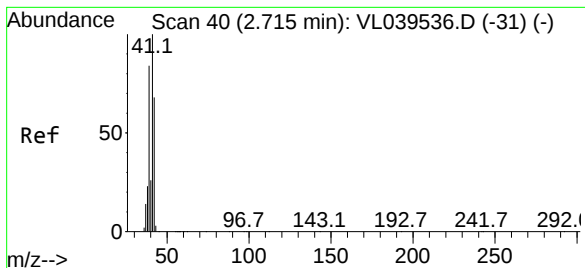
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#8
Dichlorotetrafluoroethane
Concen: 10.302 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

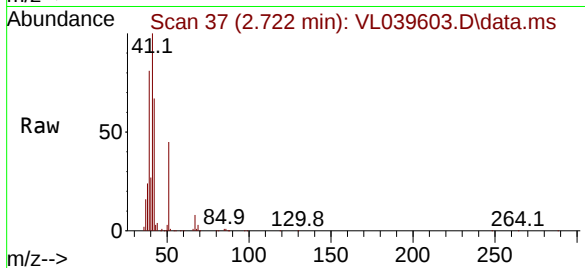
Tgt Ion: 85 Resp: 1513845
Ion Ratio Lower Upper
85 100
135 70.7 59.0 88.4





#9
 Propene
 Concen: 10.740 ppbv
 RT: 2.722 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

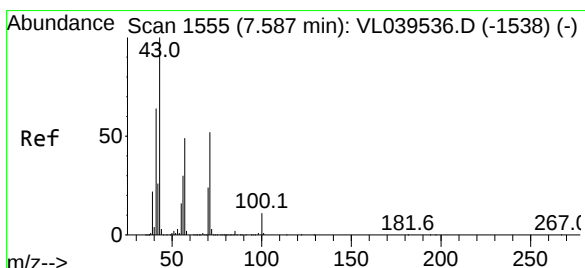
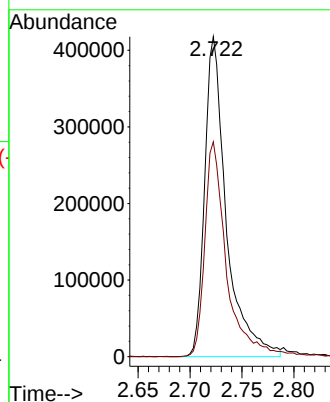
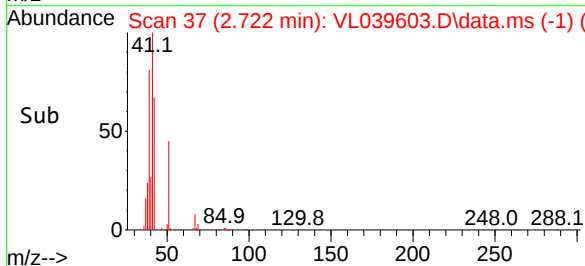
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



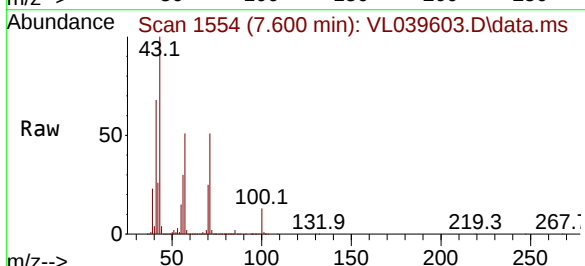
Tgt Ion: 41 Resp: 604360
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.2 82.8

Manual Integrations
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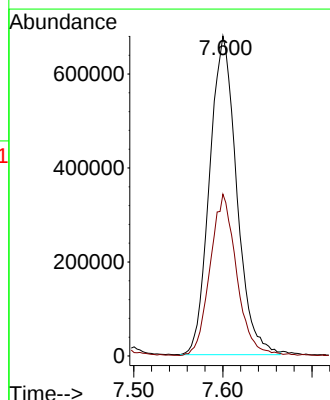
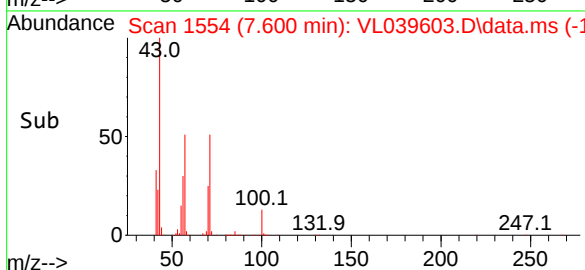
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

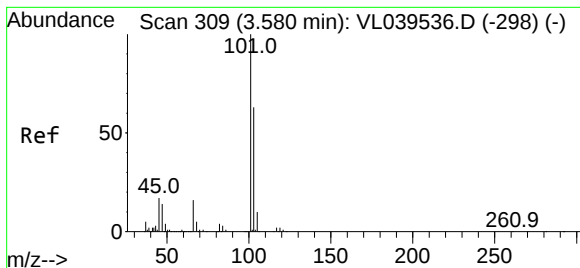


#10
 Heptane
 Concen: 10.999 ppbv
 RT: 7.600 min Scan# 1554
 Delta R.T. 0.013 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15



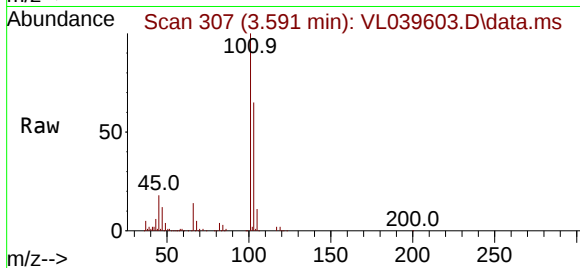
Tgt Ion: 43 Resp: 1433309
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.920 ppbv
 RT: 3.591 min Scan# 309
 Delta R.T. 0.010 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

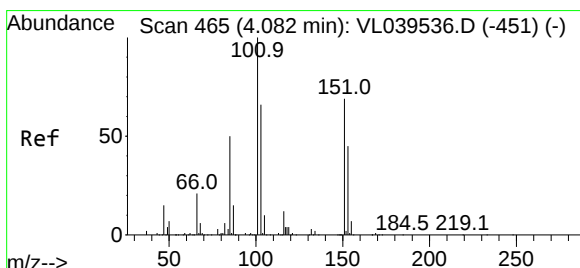
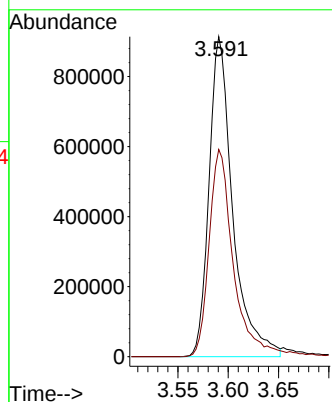
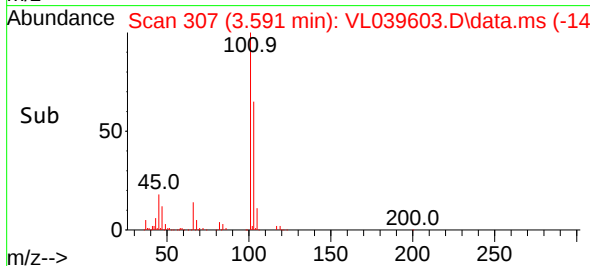
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



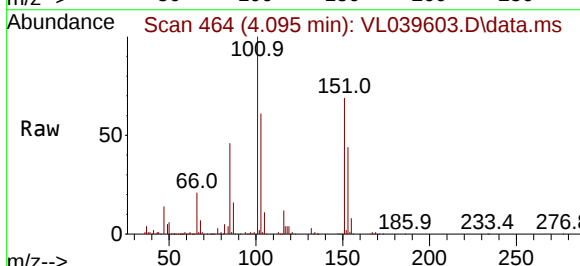
Tgt Ion:101 Resp: 149544
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.8

Manual Integrations
 APPROVED

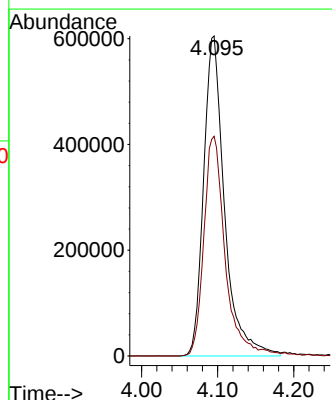
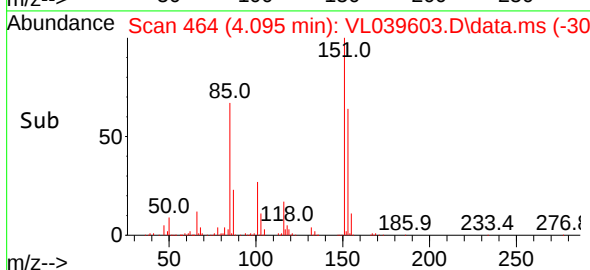
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

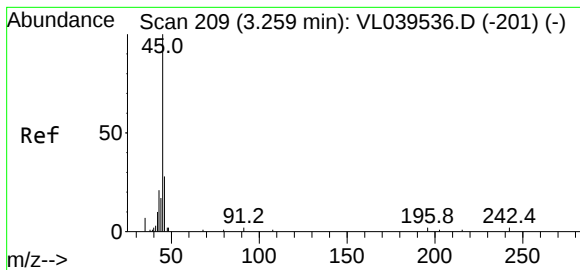


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.362 ppbv
 RT: 4.095 min Scan# 464
 Delta R.T. 0.013 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15



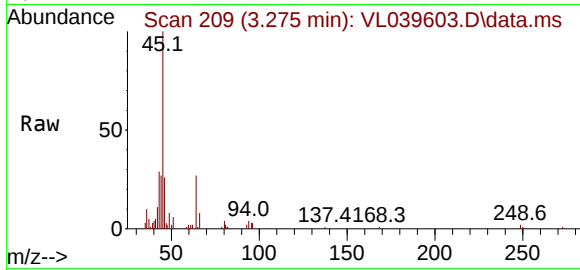
Tgt Ion:101 Resp: 1155371
 Ion Ratio Lower Upper
 101 100
 151 70.7 58.9 88.3





#13
Ethanol
Concen: 7.305 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

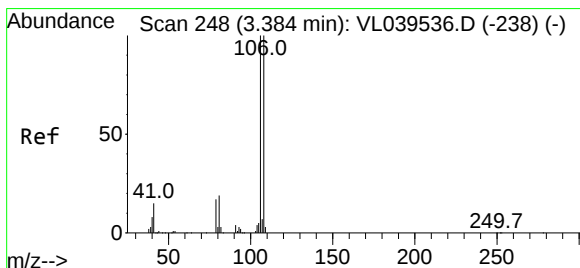
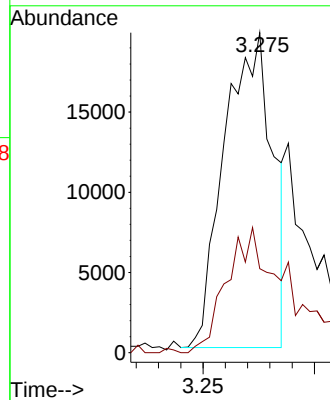
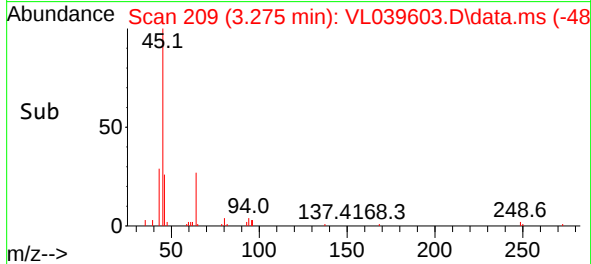
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 2954
Ion Ratio Lower Upper
45 100
46 59.6 22.8 91.2

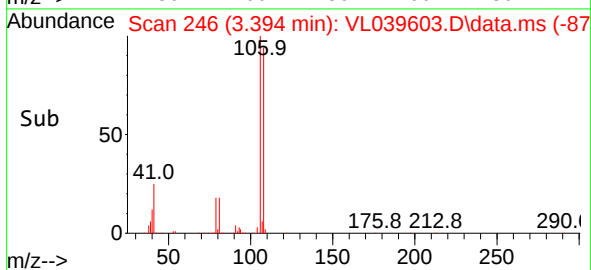
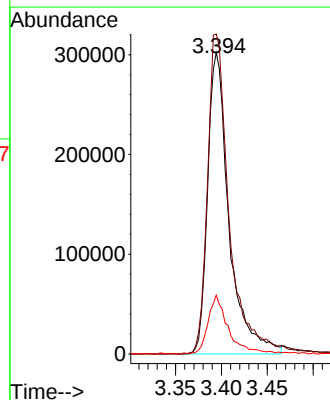
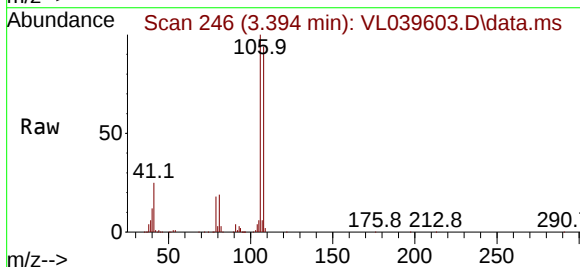
Manual Integrations
APPROVED

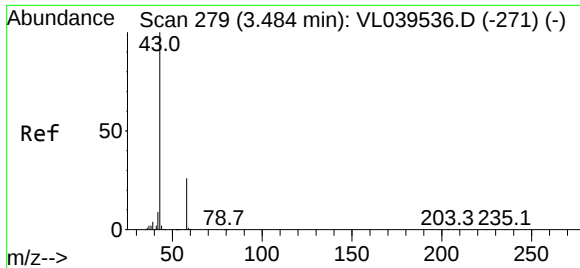
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Bromoethene
Concen: 10.760 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:108 Resp: 490237
Ion Ratio Lower Upper
108 100
106 109.8 87.1 130.7
79 18.5 14.6 22.0





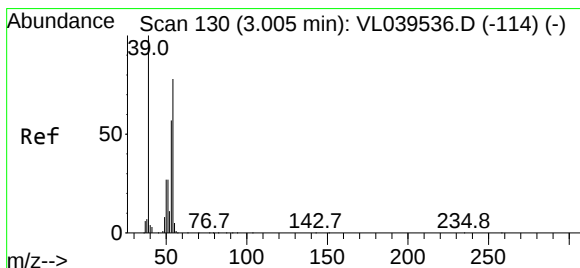
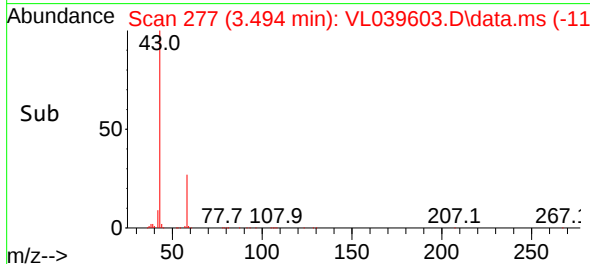
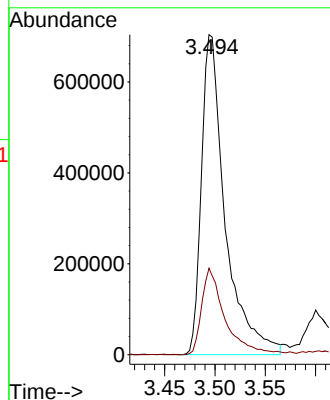
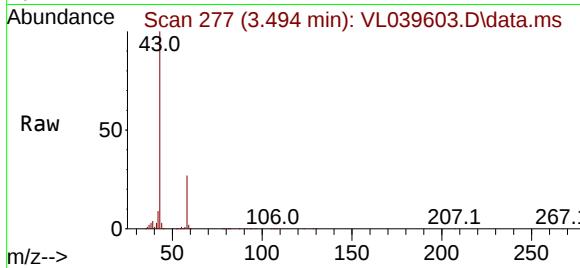
#15
Acetone
Concen: 9.991 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 115526
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6

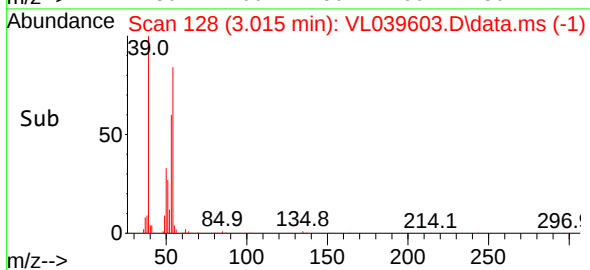
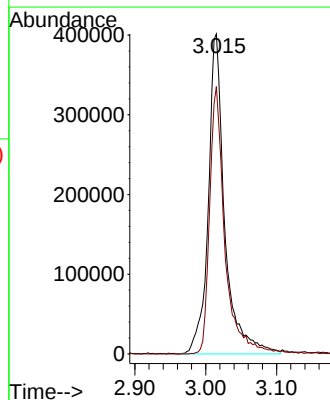
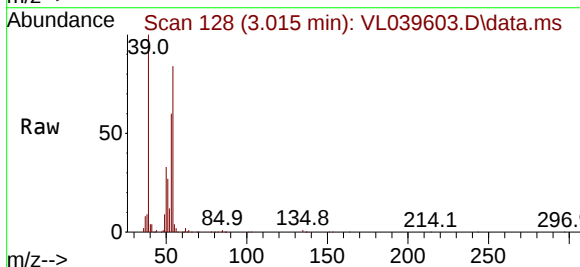
Manual Integrations
APPROVED

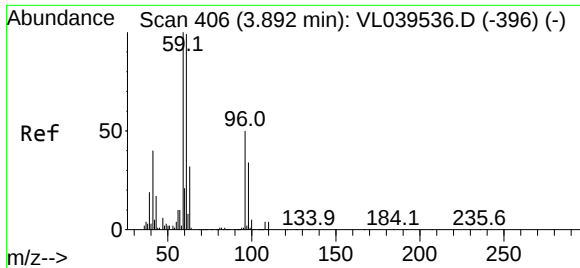
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#16
1,3-Butadiene
Concen: 10.763 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 39 Resp: 649369
Ion Ratio Lower Upper
39 100
54 77.9 63.7 95.5





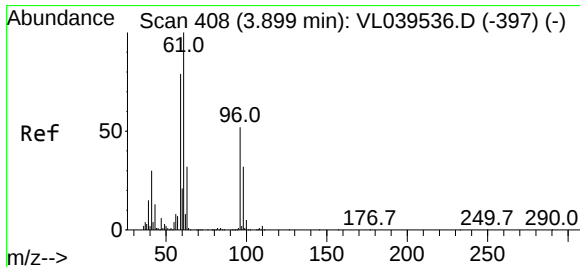
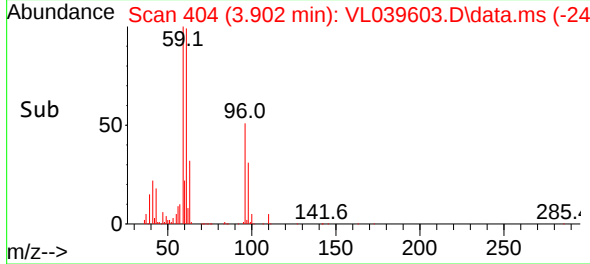
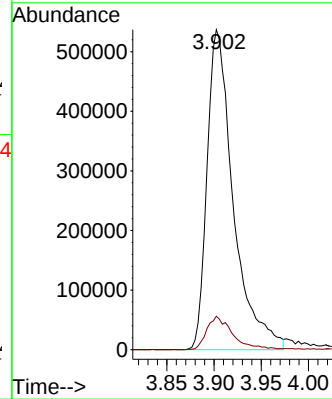
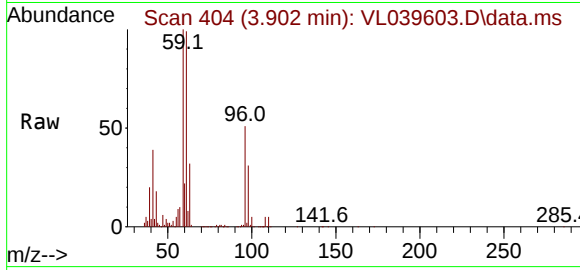
#17
tert-Butyl alcohol
Concen: 10.519 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 103799
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

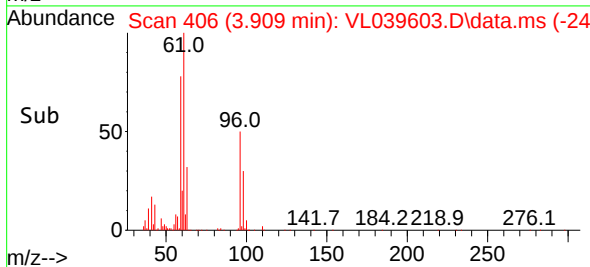
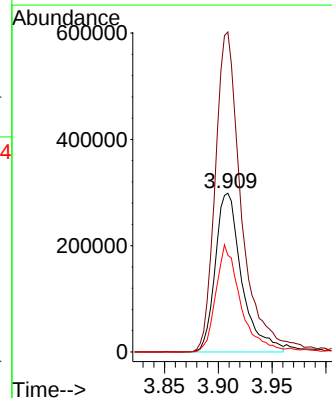
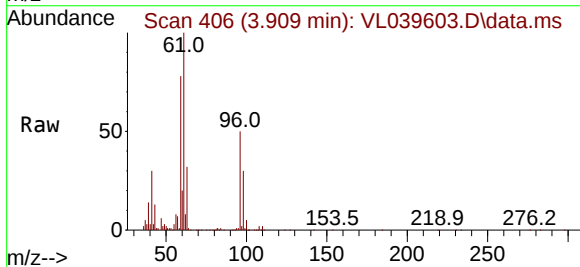
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
1,1-Dichloroethene
Concen: 10.194 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

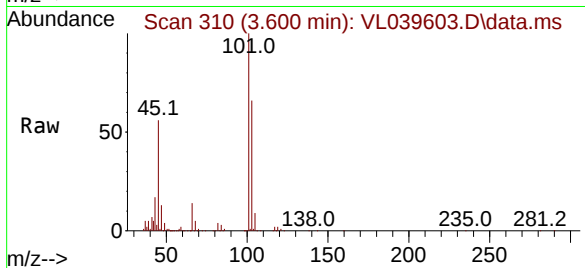
Tgt Ion: 96 Resp: 511965
Ion Ratio Lower Upper
96 100
61 201.5 152.2 228.4
98 60.9 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.855 ppbv
RT: 3.600 min Scan# 312
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

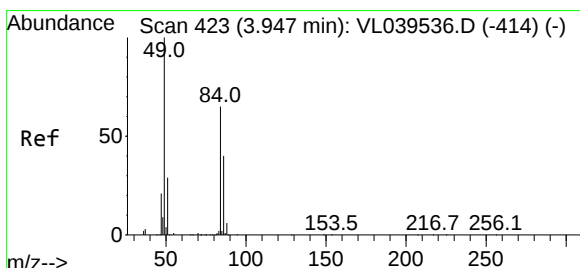
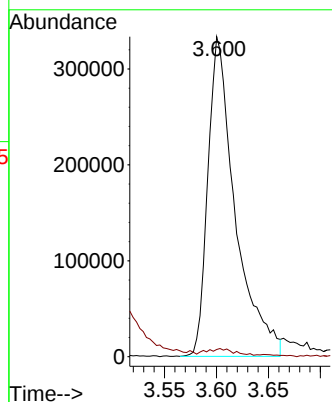
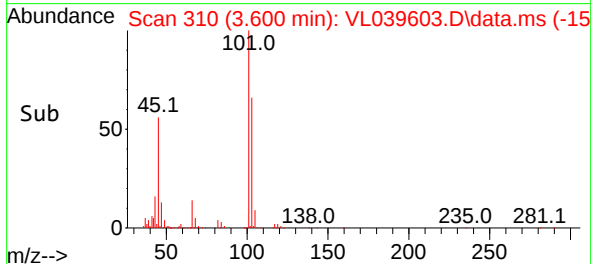
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 610560
Ion Ratio Lower Upper
45 100
58 3.1 3.2 4.8

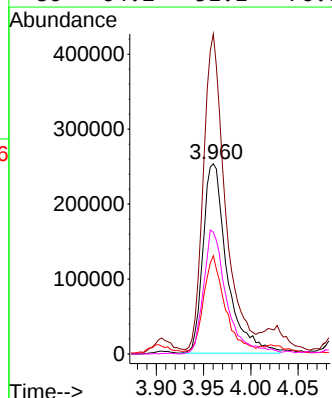
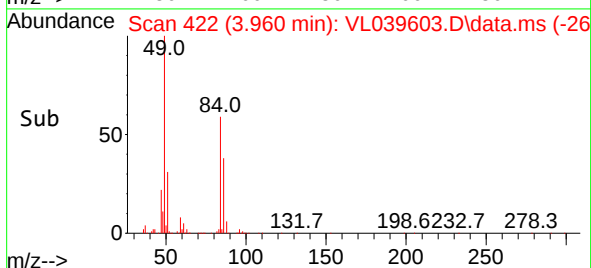
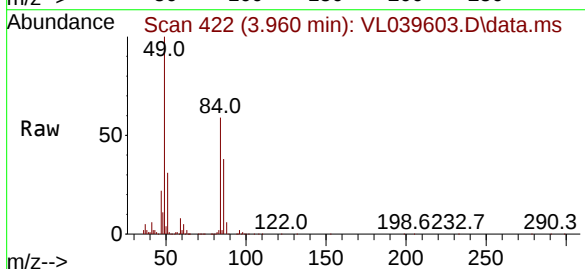
Manual Integrations
APPROVED

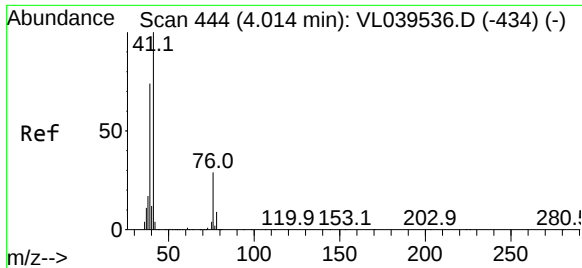
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#20
Methylene Chloride
Concen: 9.489 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 84 Resp: 445768
Ion Ratio Lower Upper
84 100
49 166.1 123.1 184.7
51 50.3 34.4 51.6
86 64.2 51.1 76.7





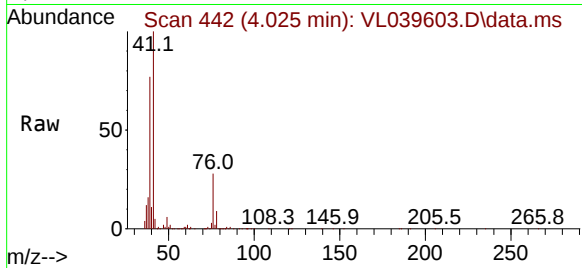
#21
 Allyl Chloride
 Concen: 10.675 ppbv
 RT: 4.025 min Scan# 444
 Delta R.T. 0.010 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

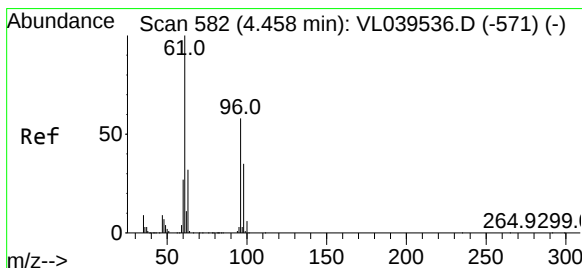
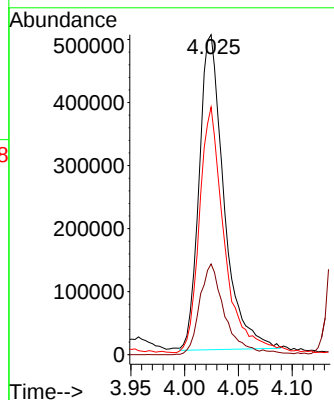
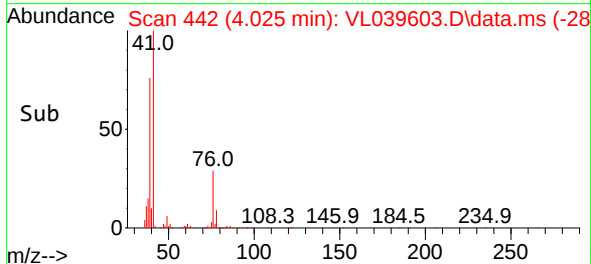


Tgt Ion: 41 Resp: 802912
 Ion Ratio Lower Upper
 41 100
 76 29.7 24.4 36.6
 39 82.7 63.5 95.3

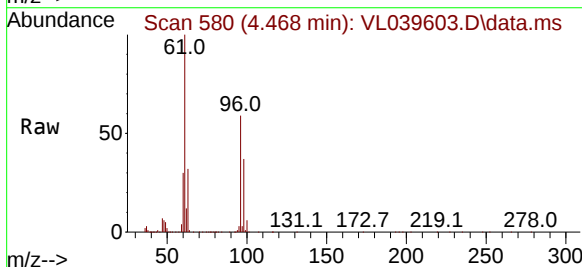
Manual Integrations

APPROVED

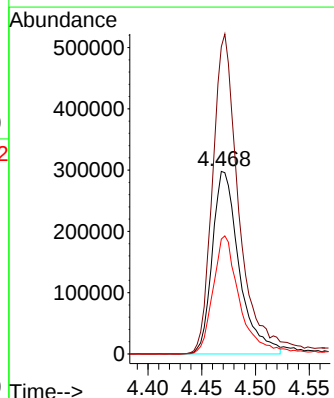
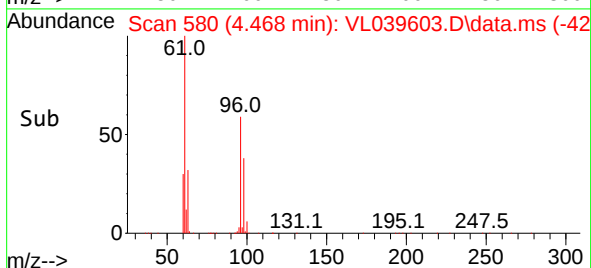
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

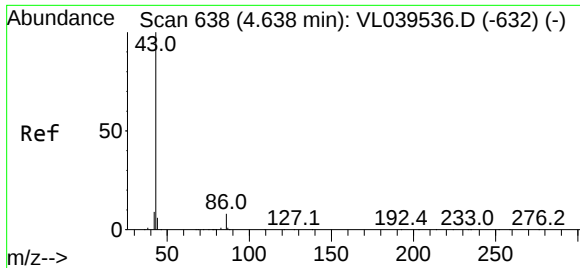


#22
 trans-1,2-Dichloroethene
 Concen: 10.384 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.010 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15



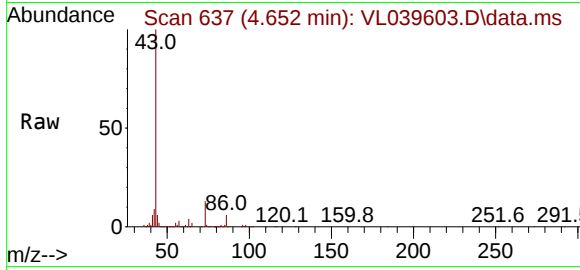
Tgt Ion: 96 Resp: 518672
 Ion Ratio Lower Upper
 96 100
 61 168.2 130.6 195.8
 98 62.9 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.579 ppbv
 RT: 4.652 min Scan# 617
 Delta R.T. 0.013 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

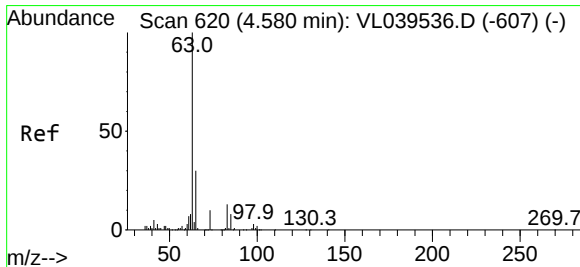
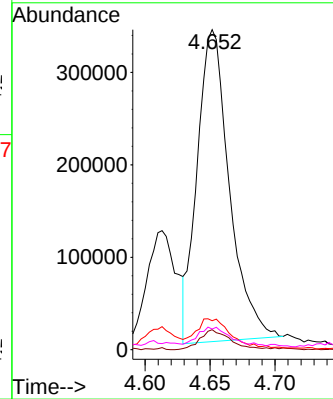
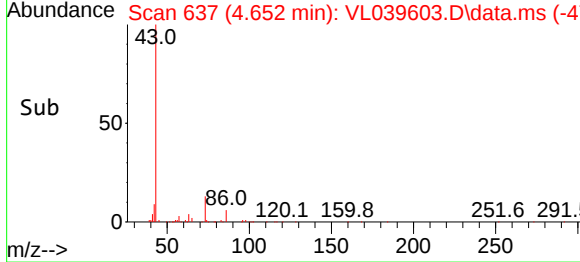


Tgt Ion: 43 Resp: 581638

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.0	7.6
42	8.8	7.7	11.5
44	5.5	4.6	7.0

Manual Integrations
 APPROVED

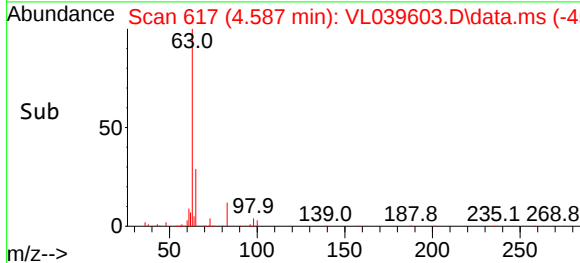
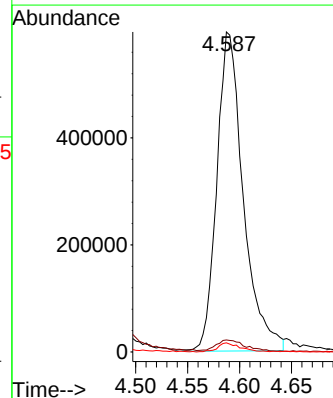
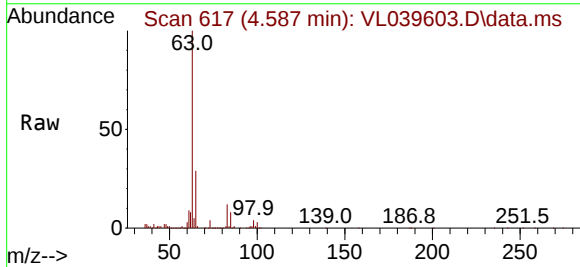
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

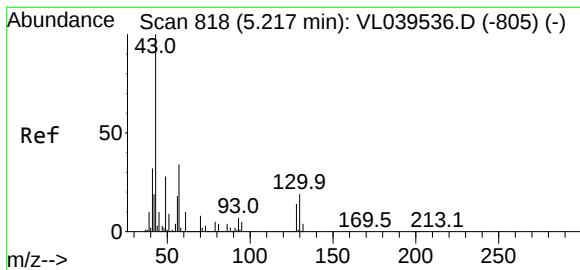


#24
 1,1-Dichloroethane
 Concen: 10.390 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.007 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Tgt Ion: 63 Resp: 1057362

Ion	Ratio	Lower	Upper
63	100		
98	3.5	1.8	5.3
100	2.7	1.5	4.4





#25
Ethyl Acetate
Concen: 10.395 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

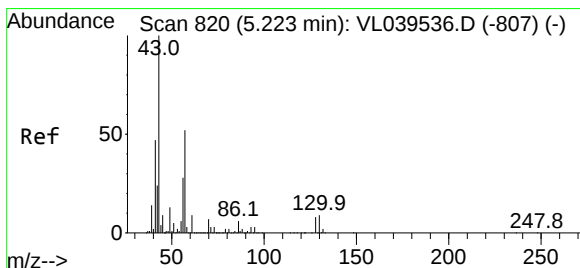
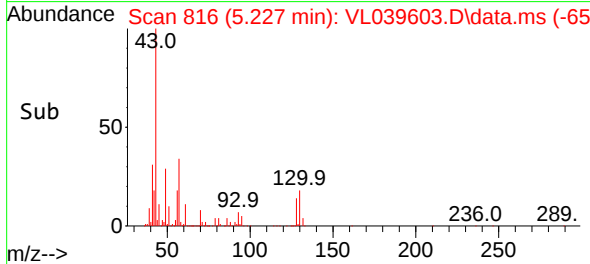
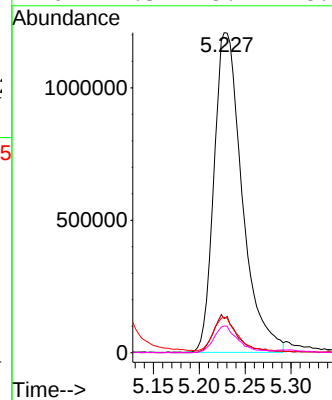
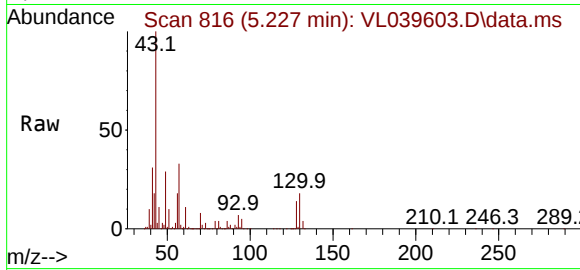
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2571658

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.2	12.4
61	10.2	8.3	12.5
70	7.3	5.9	8.9

Manual Integrations
APPROVED

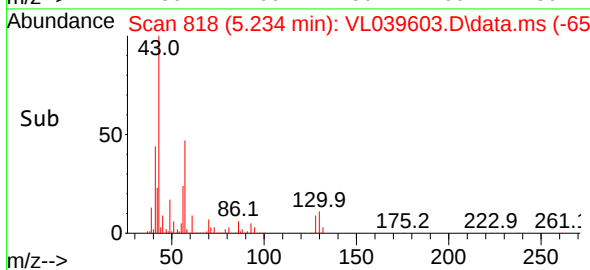
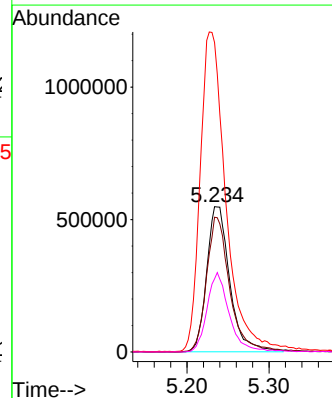
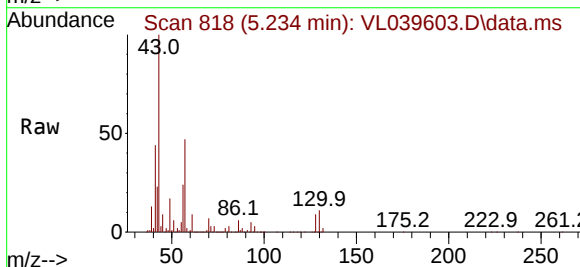
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

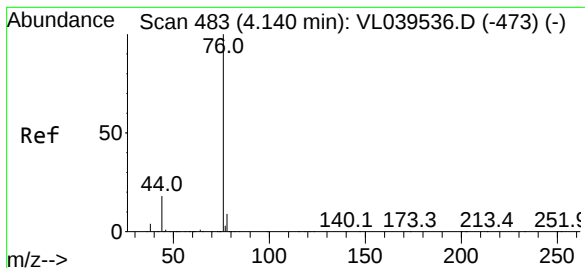


#26
Hexane
Concen: 10.624 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 57 Resp: 1072787

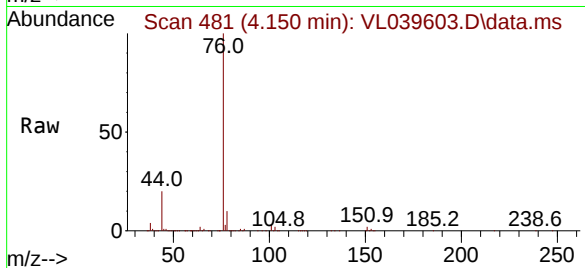
Ion	Ratio	Lower	Upper
57	100		
41	94.9	76.9	115.3
43	248.3	191.0	286.6
56	53.3	43.2	64.8





#27
Carbon Disulfide
Concen: 11.633 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

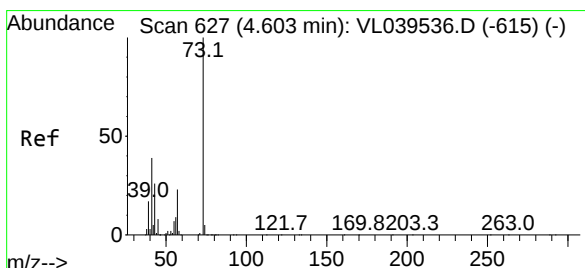
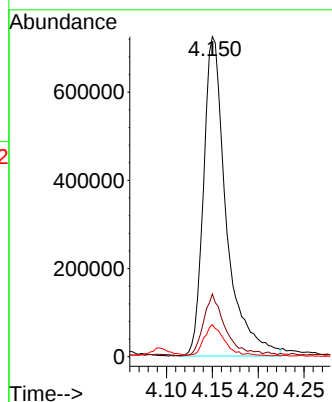
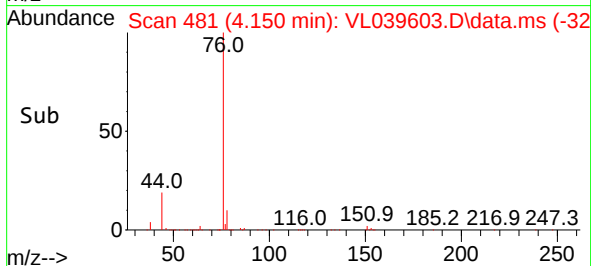
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 125483
Ion Ratio Lower Upper
76 100
44 18.3 14.6 21.8
78 10.0 7.8 11.6

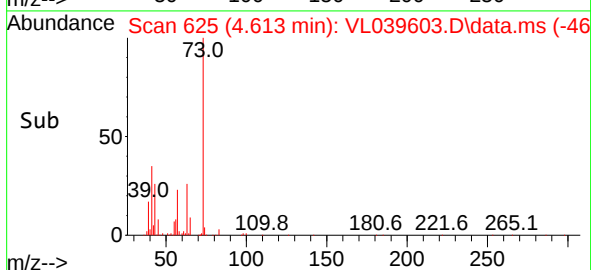
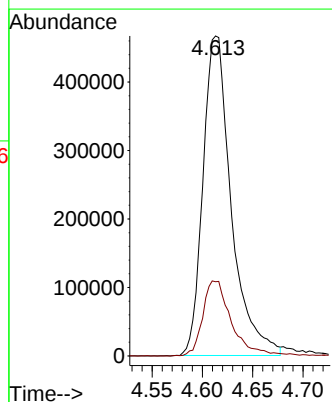
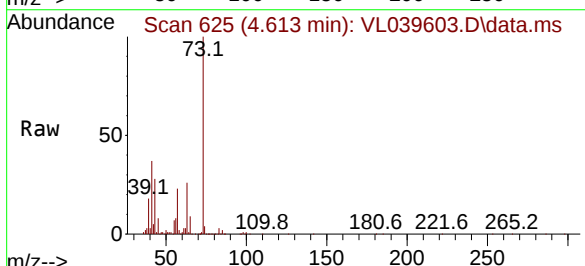
Manual Integrations
APPROVED

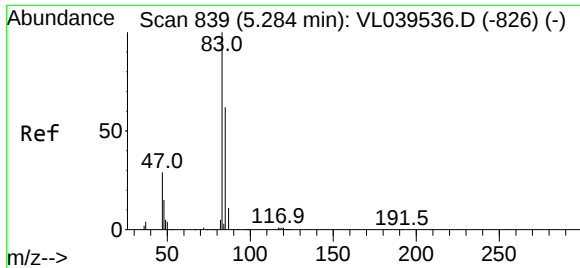
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#28
Methyl tert-Butyl Ether
Concen: 10.491 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 73 Resp: 913839
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.8





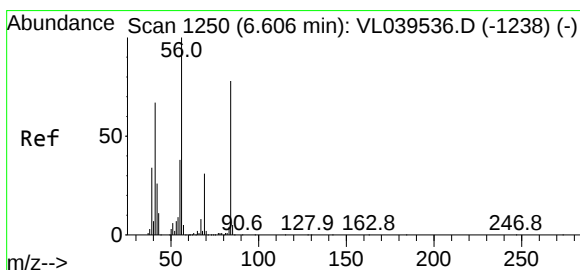
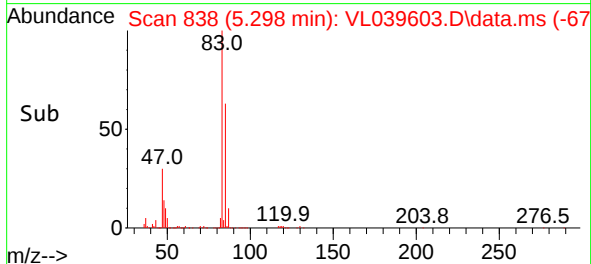
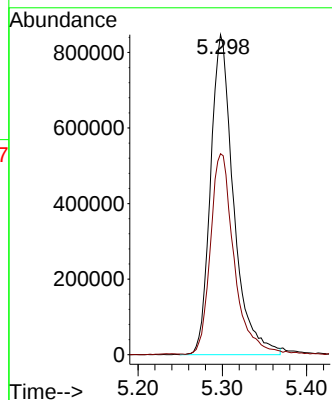
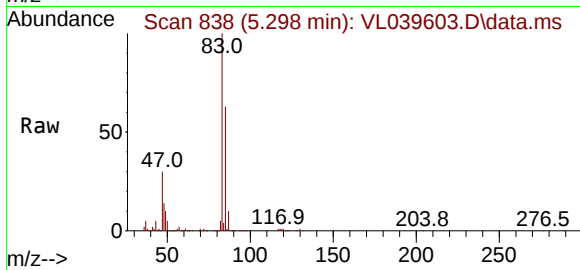
#29
Chloroform
Concen: 10.178 ppbv
RT: 5.298 min Scan# 839
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1607309
Ion Ratio Lower Upper
83 100
85 62.6 52.8 79.2

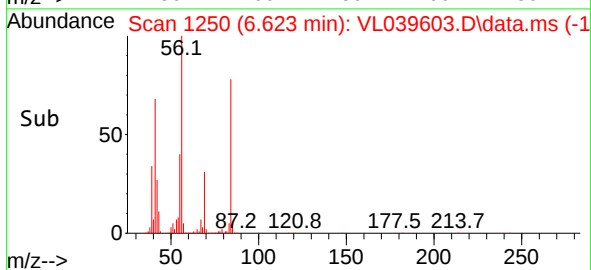
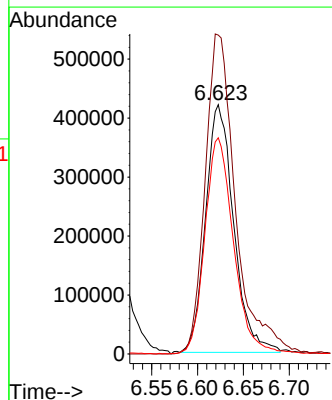
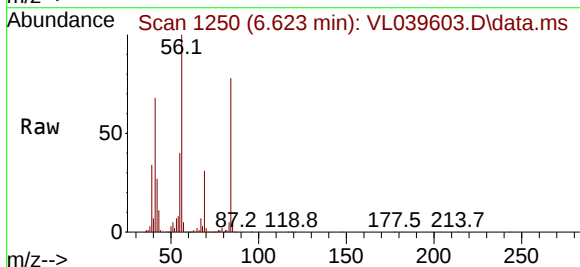
Manual Integrations
APPROVED

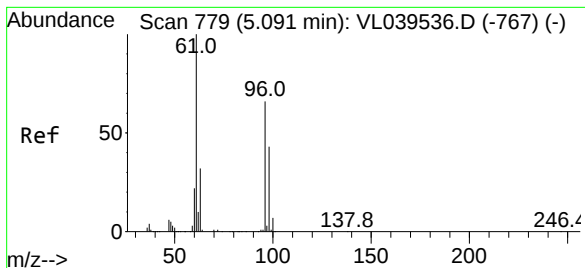
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#30
Cyclohexane
Concen: 10.721 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

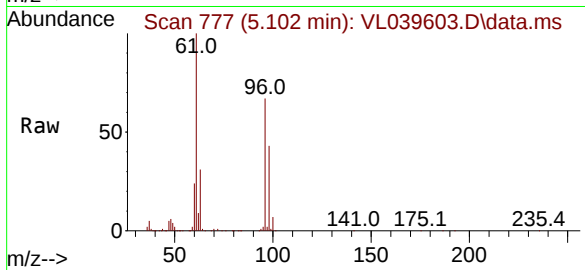
Tgt Ion: 84 Resp: 896418
Ion Ratio Lower Upper
84 100
56 140.3 107.7 161.5
41 89.0 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.846 ppbv
RT: 5.102 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

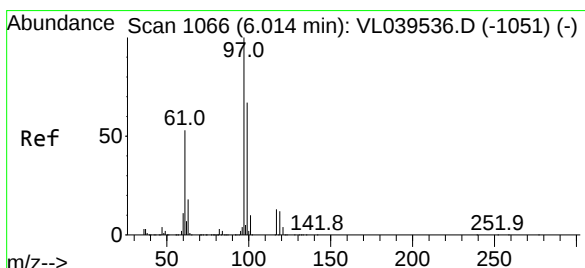
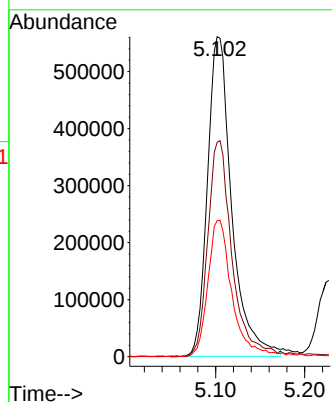
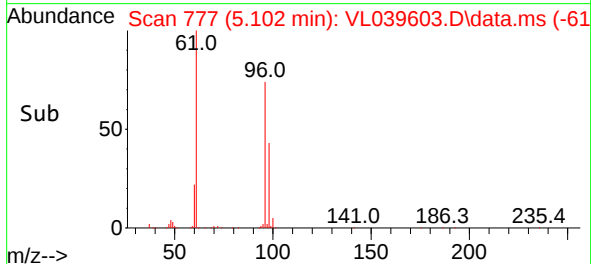
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



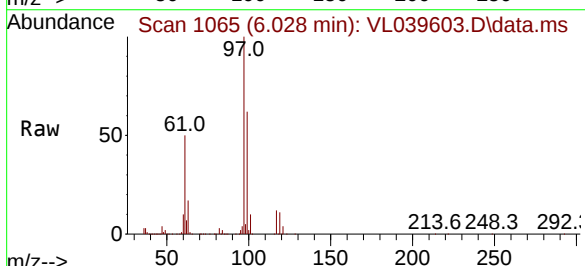
Tgt Ion: 61 Resp: 106078
Ion Ratio Lower Upper
61 100
96 67.0 54.1 81.1
98 42.5 34.6 52.0

Manual Integrations
APPROVED

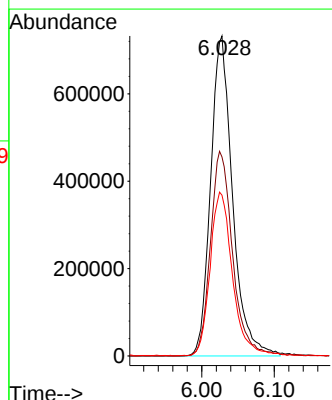
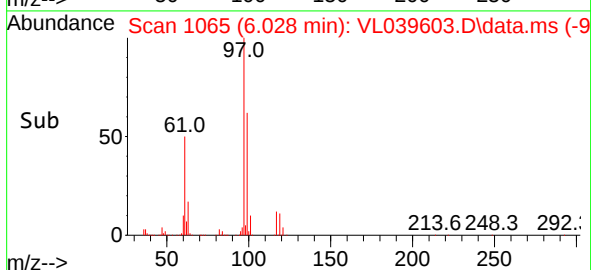
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

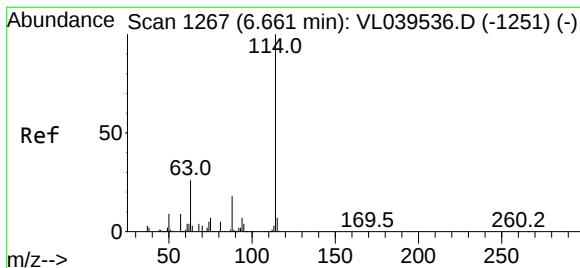


#32
1,1,1-Trichloroethane
Concen: 11.084 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15



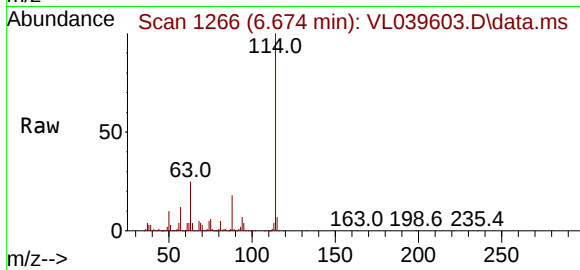
Tgt Ion: 97 Resp: 1539904
Ion Ratio Lower Upper
97 100
99 65.3 52.3 78.5
61 52.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

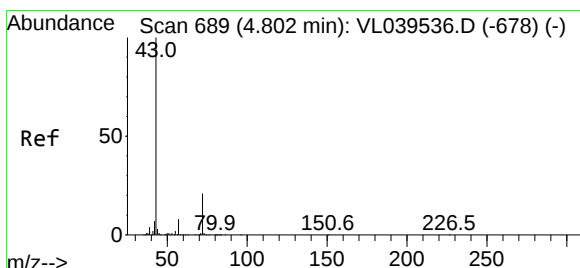
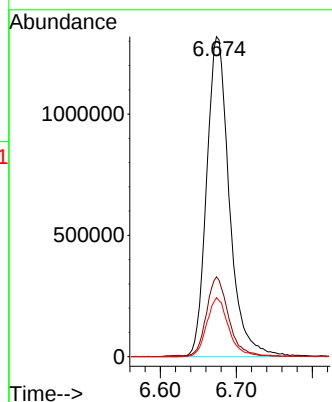
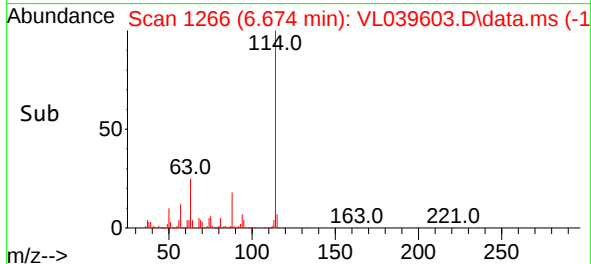
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2726824
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 18.1 14.5 21.7

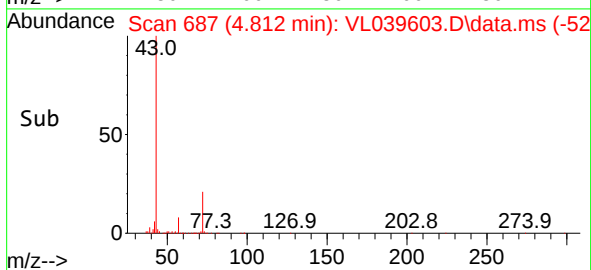
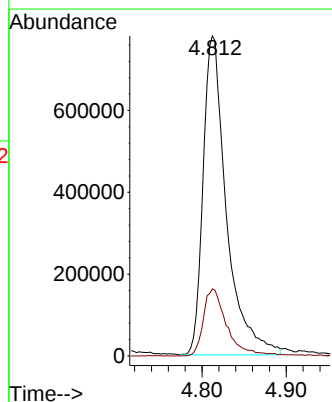
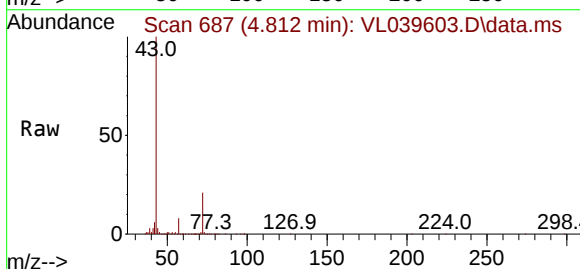
Manual Integrations
APPROVED

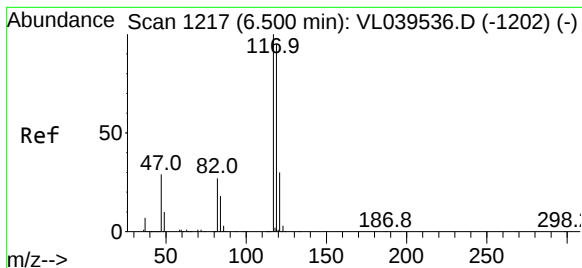
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#34
2-Butanone
Concen: 11.081 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

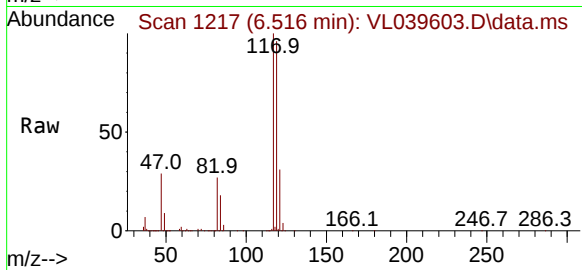
Tgt Ion: 43 Resp: 1502151
Ion Ratio Lower Upper
43 100
72 21.7 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.080 ppbv
RT: 6.516 min Scan# 117
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

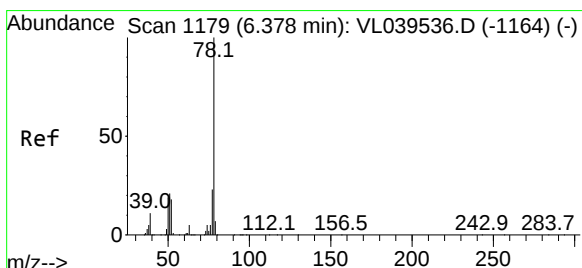
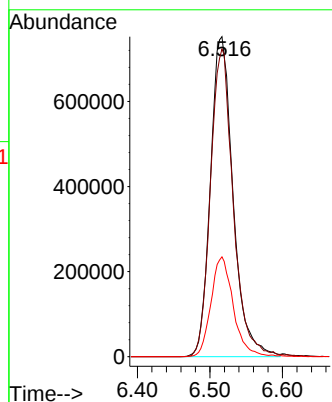
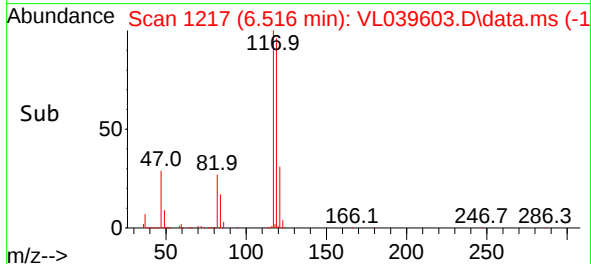
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1633190
Ion Ratio Lower Upper
117 100
119 96.1 75.4 113.2
121 31.2 24.2 36.2

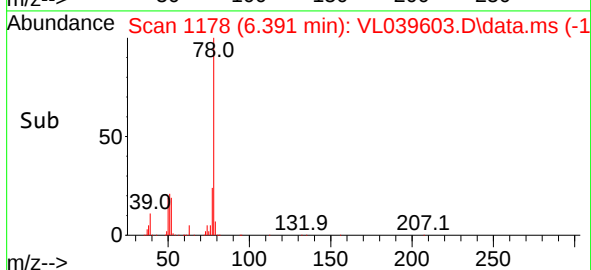
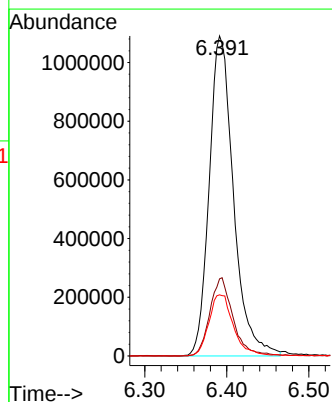
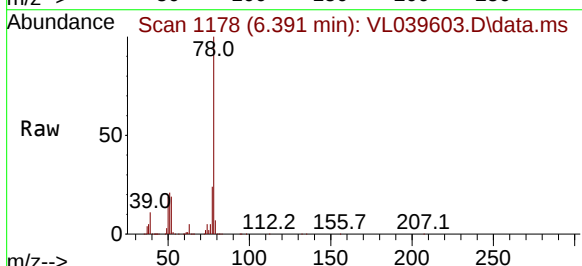
Manual Integrations
APPROVED

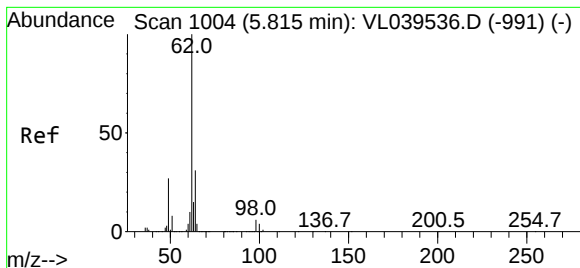
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#36
Benzene
Concen: 10.809 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 78 Resp: 2246803
Ion Ratio Lower Upper
78 100
77 24.1 20.3 30.5
50 19.1 15.5 23.3





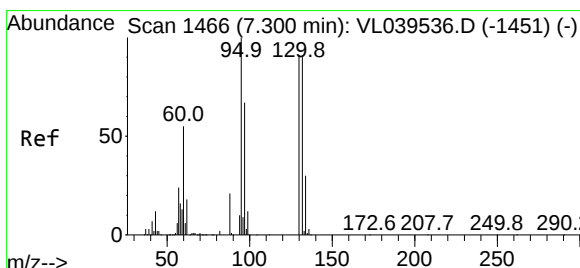
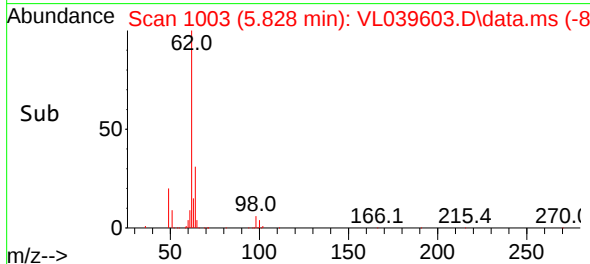
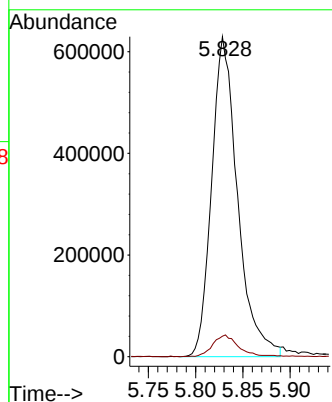
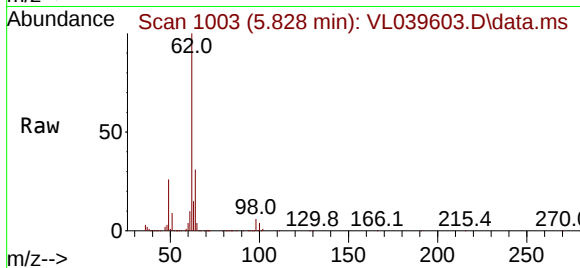
#37
1,2-Dichloroethane
Concen: 10.500 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 120222
Ion Ratio Lower Upper
62 100
98 7.0 5.1 7.7

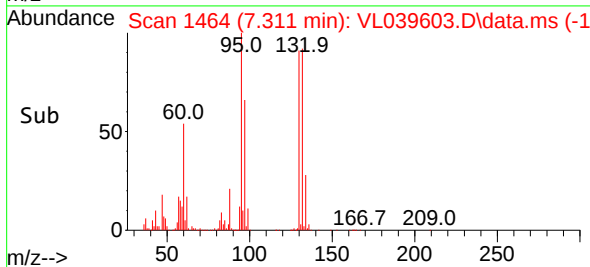
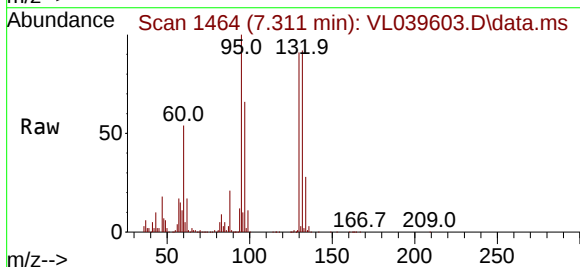
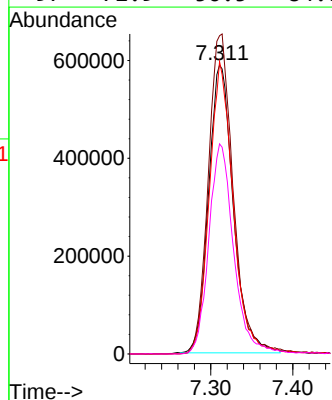
Manual Integrations
APPROVED

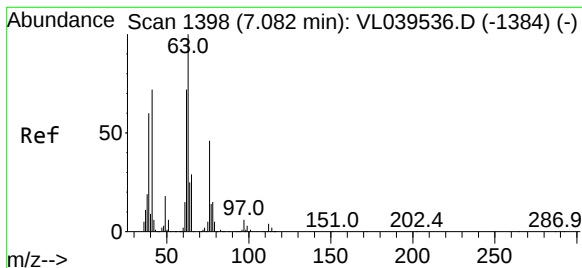
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Trichloroethene
Concen: 11.079 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

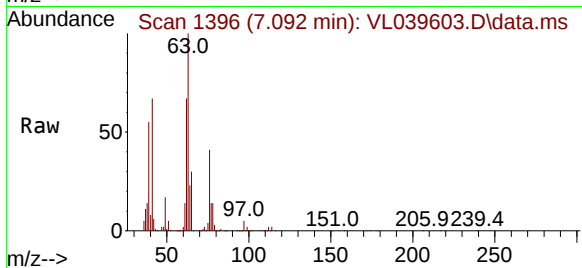
Tgt Ion:130 Resp: 1233884
Ion Ratio Lower Upper
130 100
95 110.4 87.3 130.9
132 101.5 76.7 115.1
97 72.9 56.5 84.7





#39
1,2-Dichloropropane
Concen: 11.028 ppbv
RT: 7.092 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

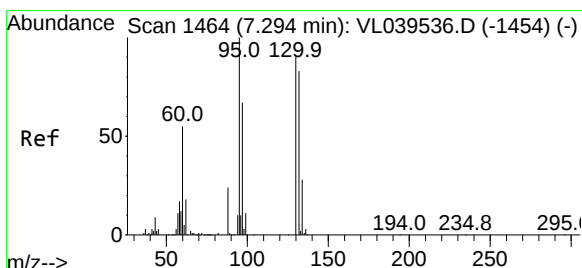
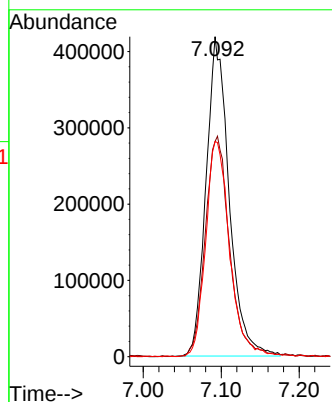
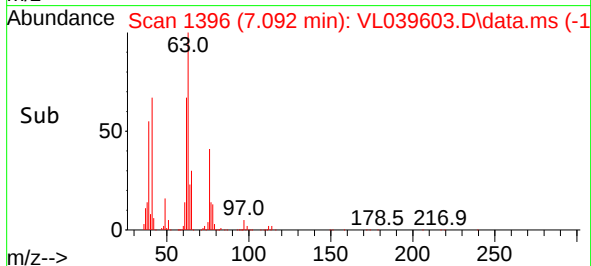
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 861819
Ion Ratio Lower Upper
63 100
41 67.1 59.6 89.4
62 67.3 51.4 77.0

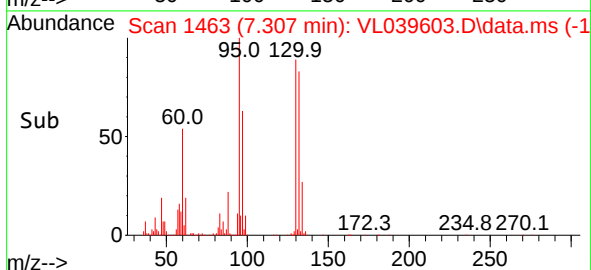
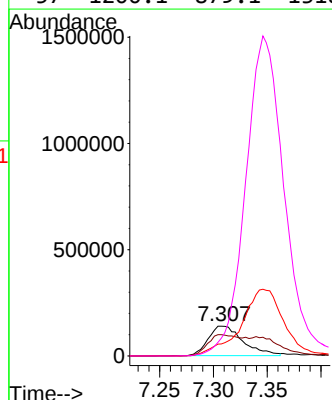
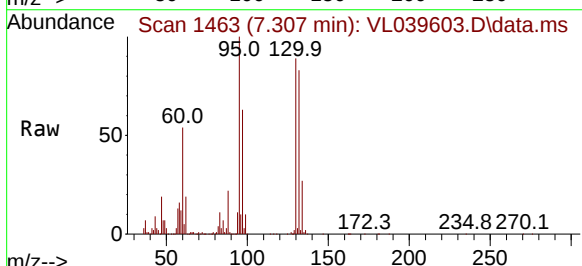
Manual Integrations
APPROVED

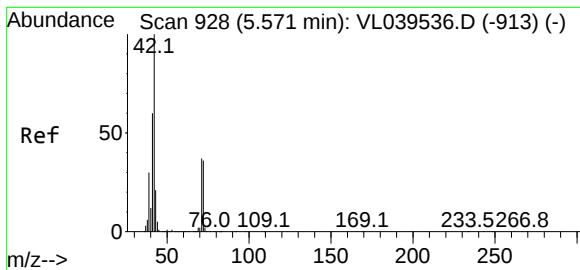
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#40
1,4-Dioxane
Concen: 10.315 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

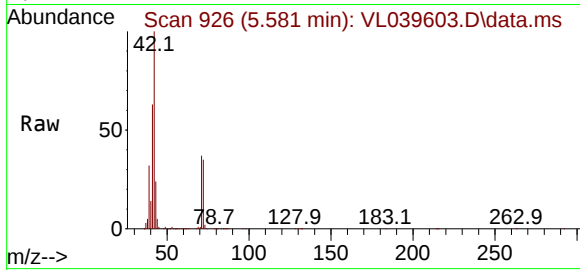
Tgt Ion: 88 Resp: 315596
Ion Ratio Lower Upper
88 100
58 131.4 100.2 150.4
43 279.0 205.8 308.6
57 1200.1 879.1 1318.7





#41
Tetrahydrofuran
Concen: 11.637 ppbv
RT: 5.581 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

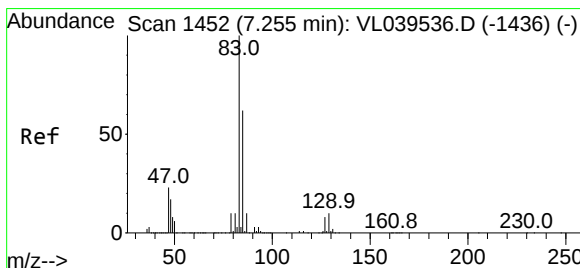
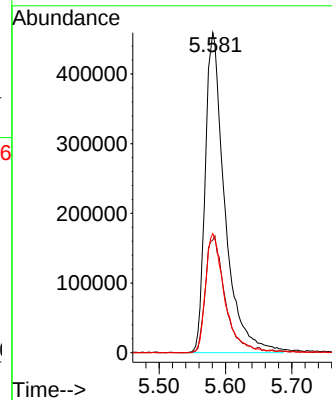
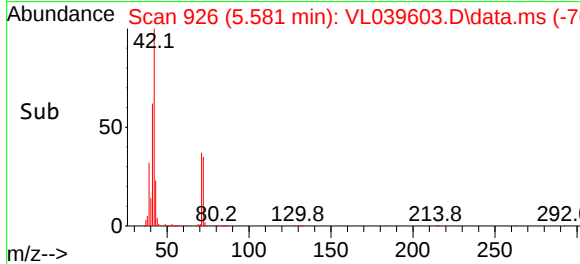
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 94238
Ion Ratio Lower Upper
42 100
72 37.1 31.8 47.8
71 37.1 31.8 47.8

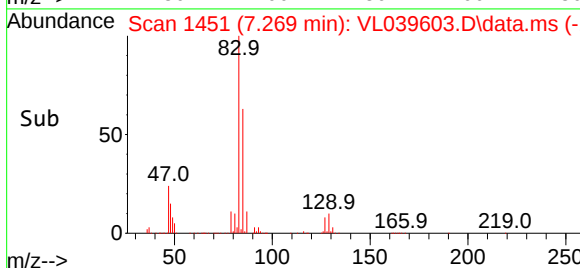
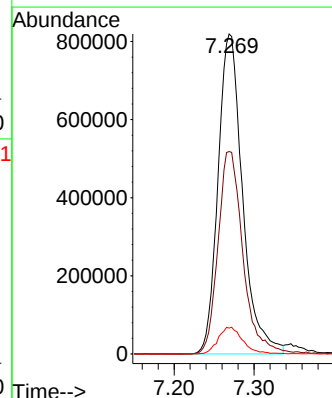
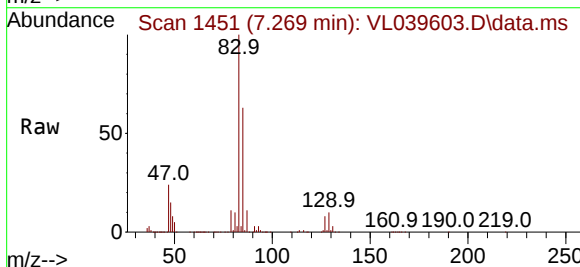
Manual Integrations
APPROVED

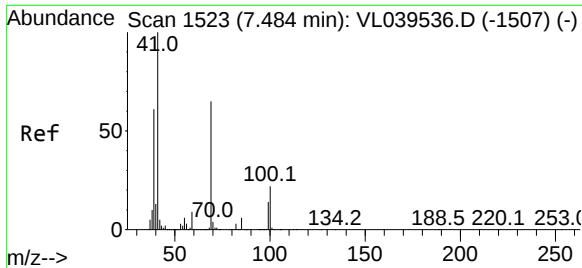
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
Bromodichloromethane
Concen: 11.124 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 83 Resp: 1742827
Ion Ratio Lower Upper
83 100
85 63.3 50.7 76.1
127 8.1 6.6 9.8





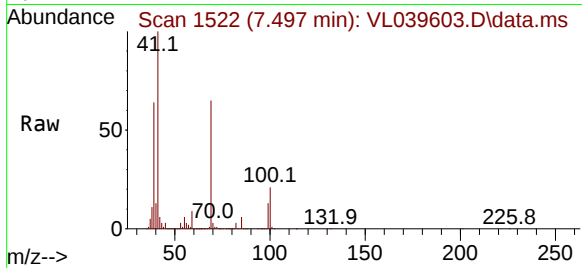
#43
Methyl Methacrylate
Concen: 11.864 ppbv
RT: 7.497 min Scan# 1523
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

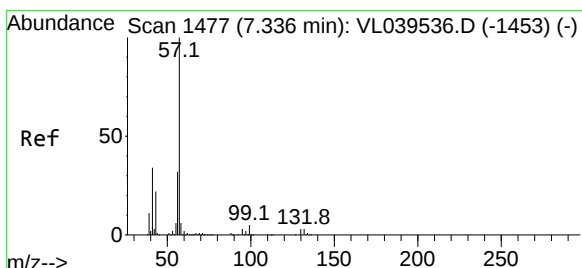
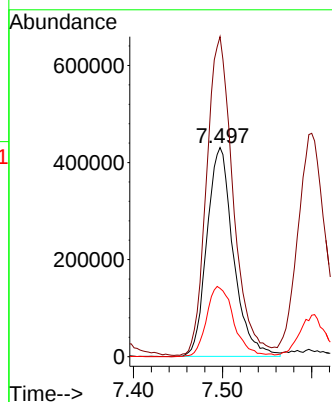
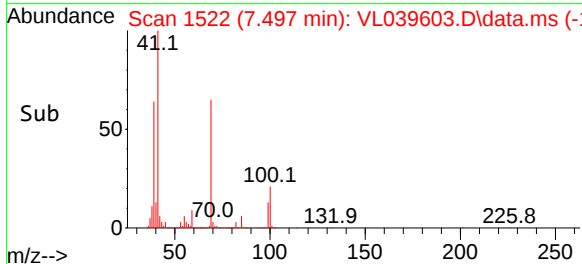


Tgt Ion: 69 Resp: 889245
Ion Ratio Lower Upper
69 100
41 154.4 120.8 181.2
100 34.8 27.8 41.6

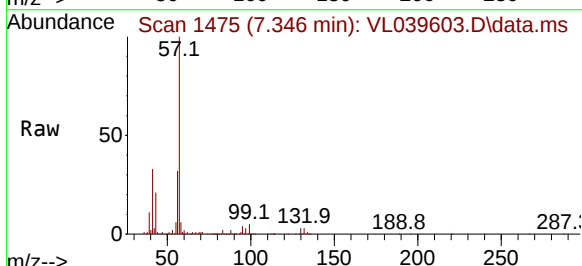
Manual Integrations

APPROVED

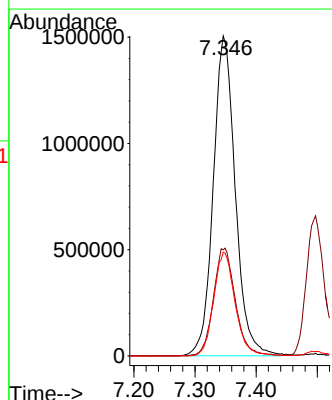
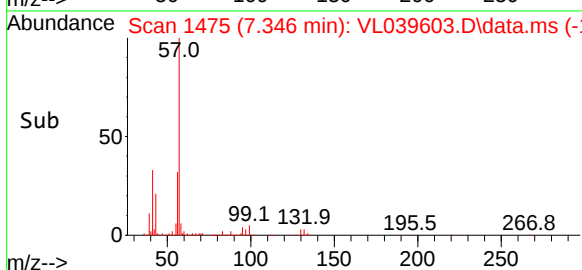
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

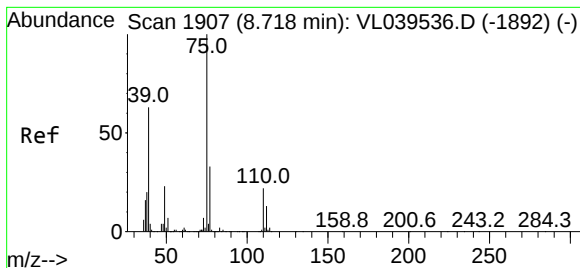


#44
2,2,4-Trimethylpentane
Concen: 10.762 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15



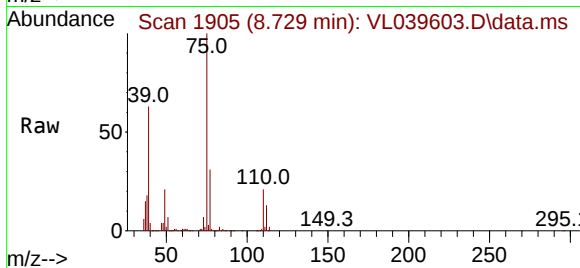
Tgt Ion: 57 Resp: 3770918
Ion Ratio Lower Upper
57 100
41 33.7 27.4 41.2
56 31.7 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 12.953 ppbv m
RT: 8.729 min Scan# 1907
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

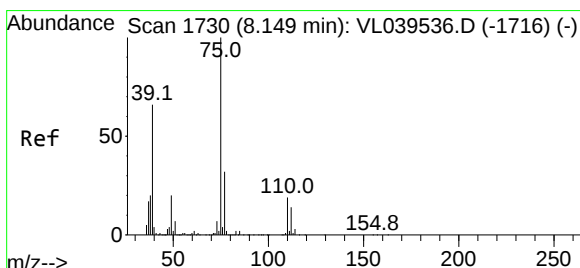
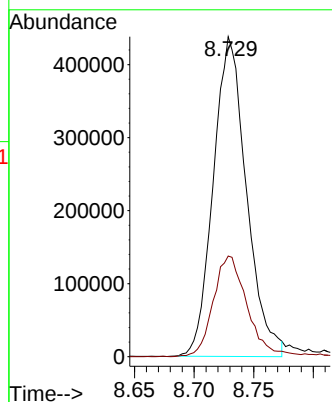
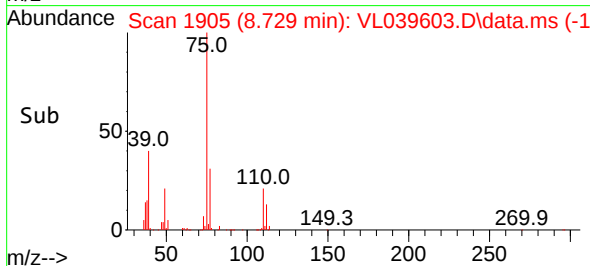
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 84552
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

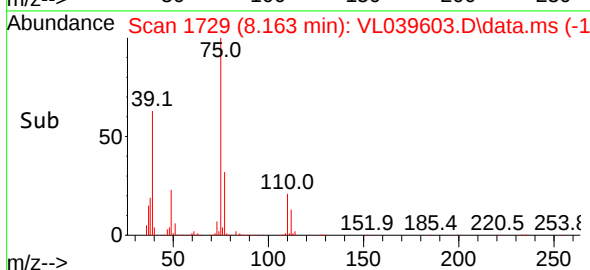
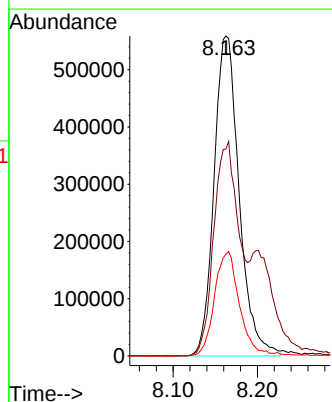
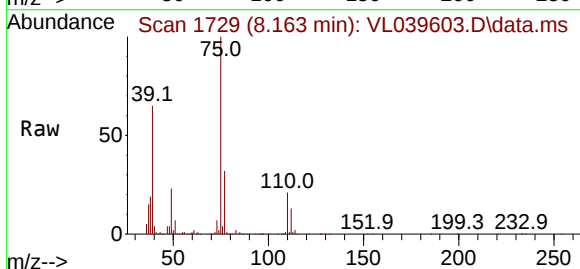
Manual Integrations
APPROVED

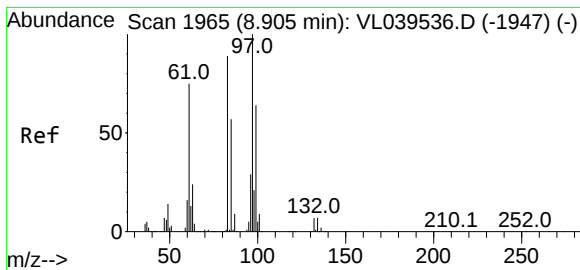
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#46
cis-1,3-Dichloropropene
Concen: 12.792 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

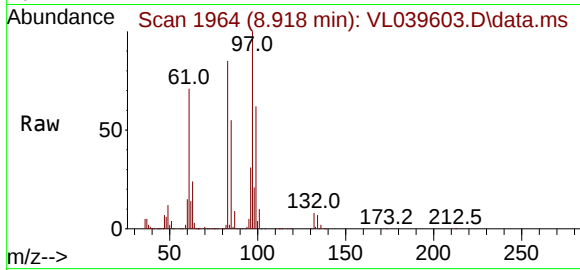
Tgt Ion: 75 Resp: 1156592
Ion Ratio Lower Upper
75 100
39 64.6 55.0 82.4
77 31.8 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 10.315 ppbv
RT: 8.918 min Scan# 1964
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

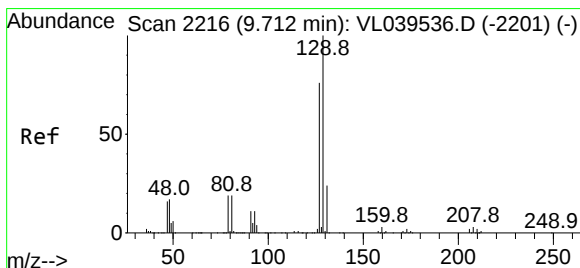
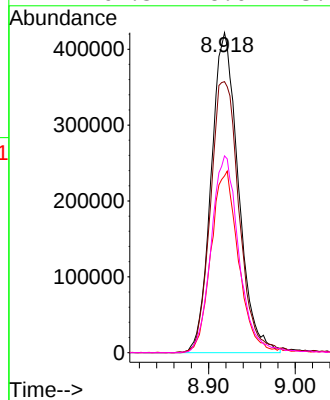
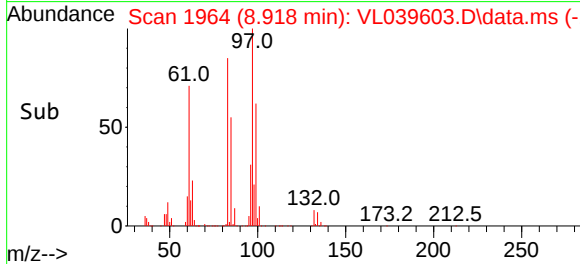
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 920650
Ion Ratio Lower Upper
97 100
83 84.4 67.4 101.0
85 55.3 45.1 67.7
99 61.5 48.6 73.0

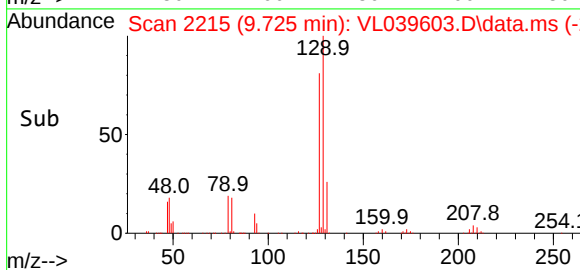
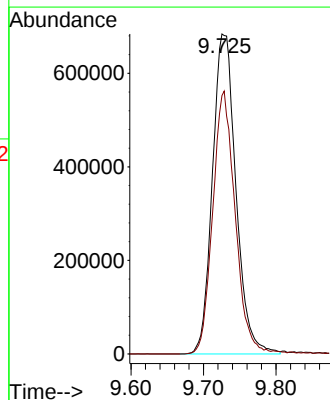
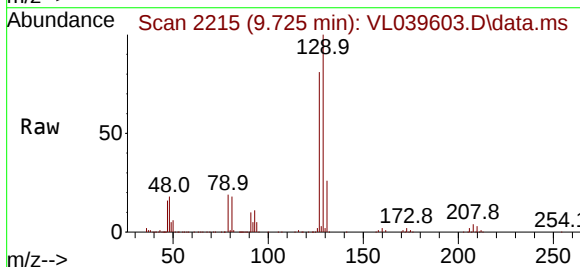
Manual Integrations
APPROVED

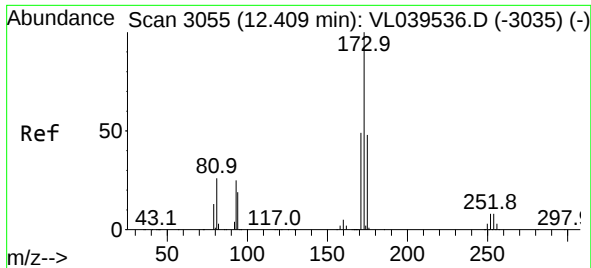
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Dibromochloromethane
Concen: 11.720 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

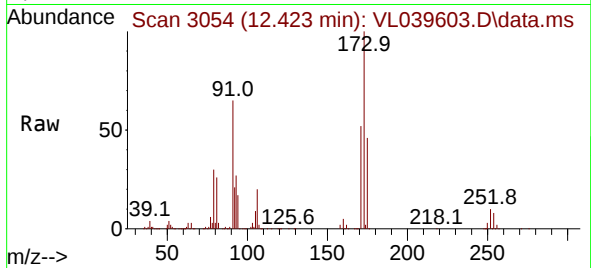
Tgt Ion:129 Resp: 1541932
Ion Ratio Lower Upper
129 100
127 79.5 39.3 117.9





#49
Bromoform
Concen: 12.005 ppbv
RT: 12.423 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

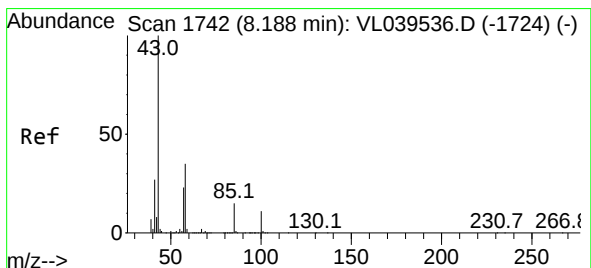
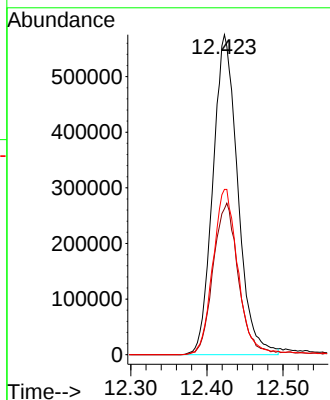
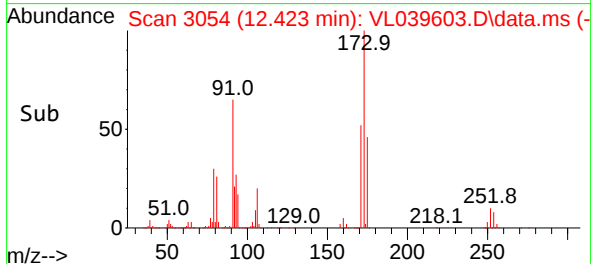
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1308248
Ion Ratio Lower Upper
173 100
175 49.0 40.3 60.5
171 53.2 42.9 64.3

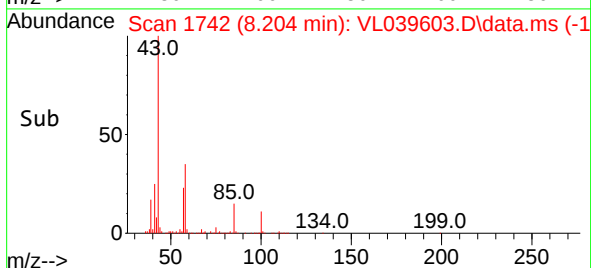
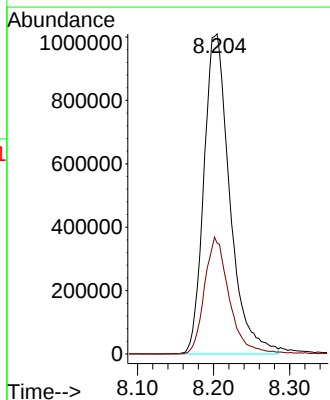
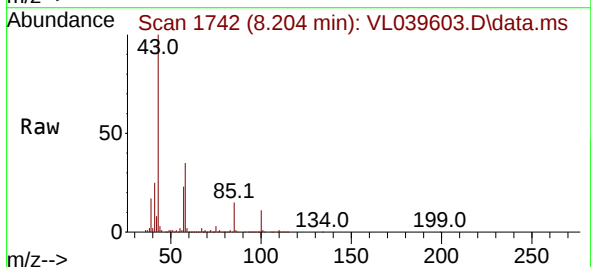
Manual Integrations
APPROVED

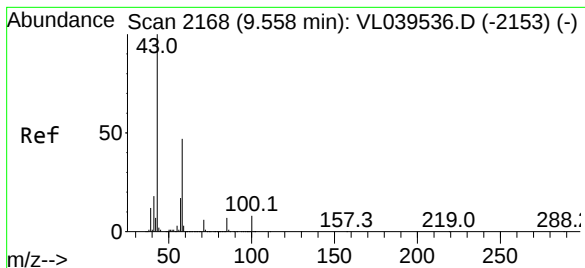
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#50
4-Methyl-2-Pentanone
Concen: 11.312 ppbv
RT: 8.204 min Scan# 1742
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

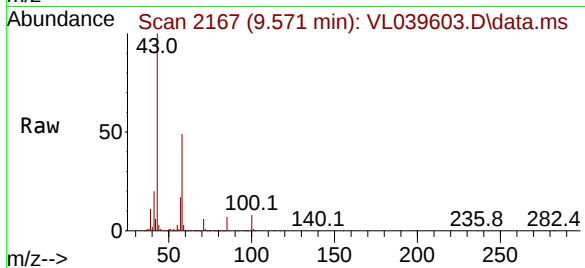
Tgt Ion: 43 Resp: 2388988
Ion Ratio Lower Upper
43 100
58 35.3 28.8 43.2





#51
2-Hexanone
Concen: 11.898 ppbv
RT: 9.571 min Scan# 2167
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

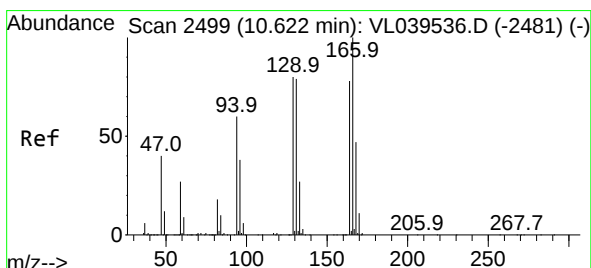
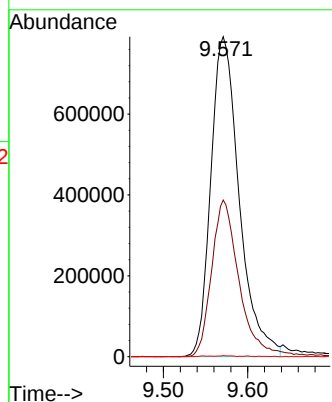
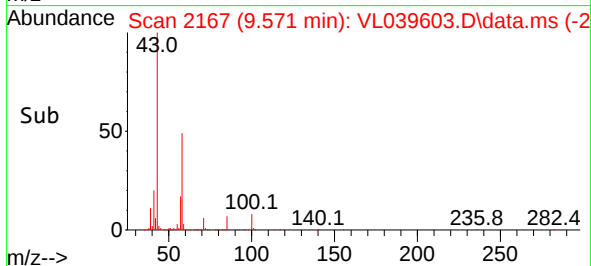
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



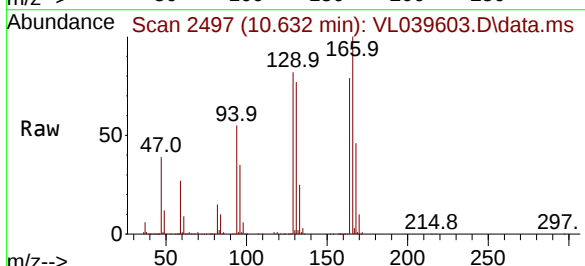
Tgt Ion: 43 Resp: 1849424
Ion Ratio Lower Upper
43 100
58 47.9 38.4 57.6
98 0.4 0.3 0.5

Manual Integrations
APPROVED

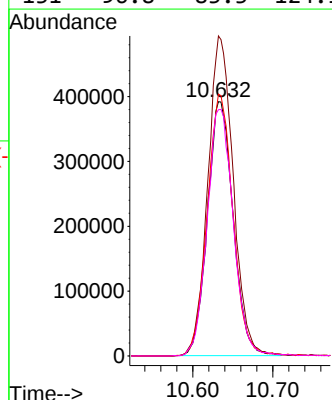
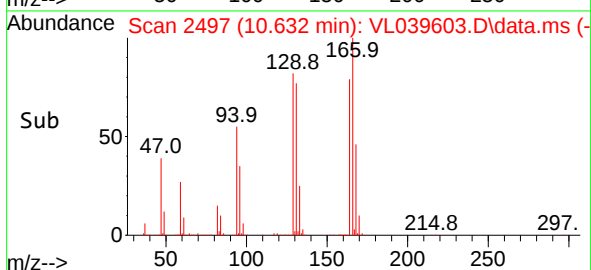
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

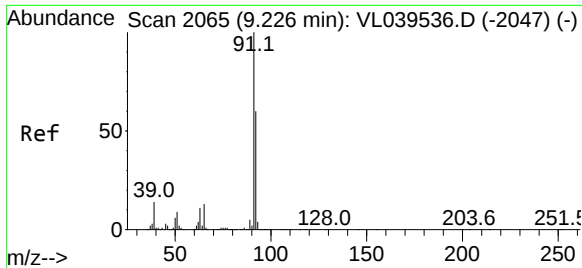


#52
Tetrachloroethene
Concen: 11.119 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15



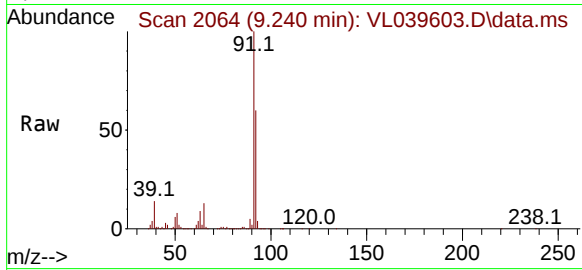
Tgt Ion:164 Resp: 874401
Ion Ratio Lower Upper
164 100
166 125.7 102.2 153.2
129 102.9 85.8 128.8
131 96.8 83.3 124.9





#53
Toluene
Concen: 11.478 ppbv
RT: 9.240 min Scan# 2065
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

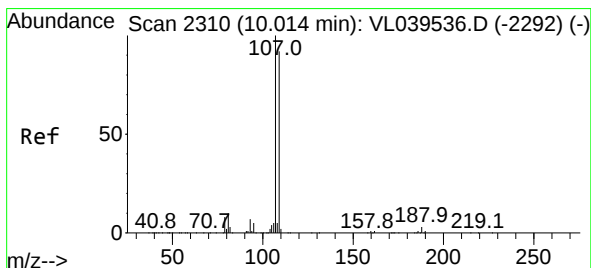
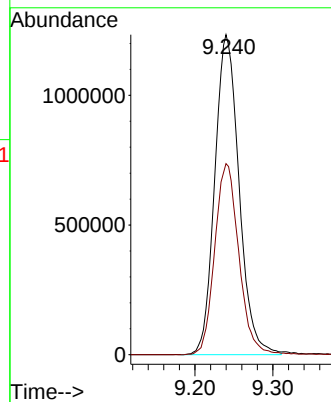
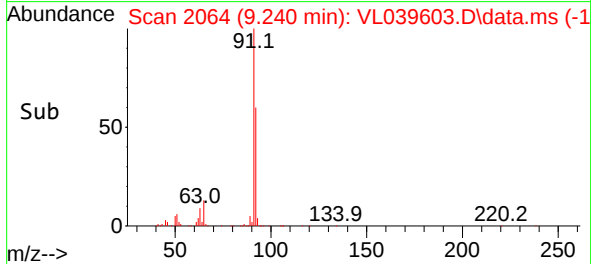
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 267021
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.2

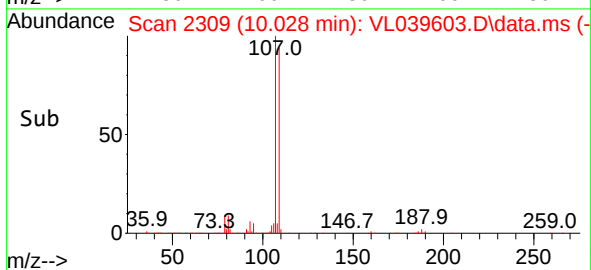
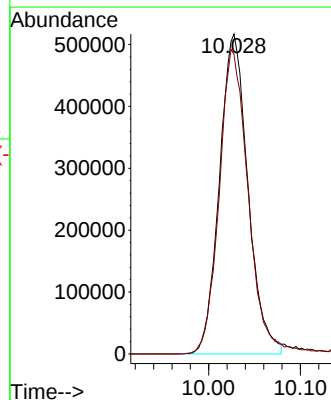
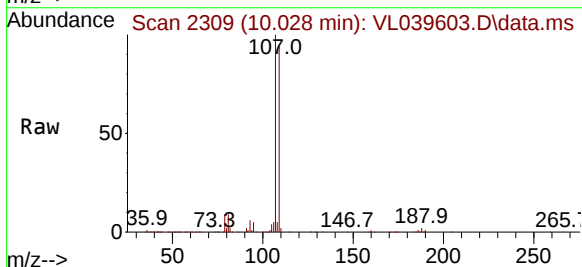
Manual Integrations
APPROVED

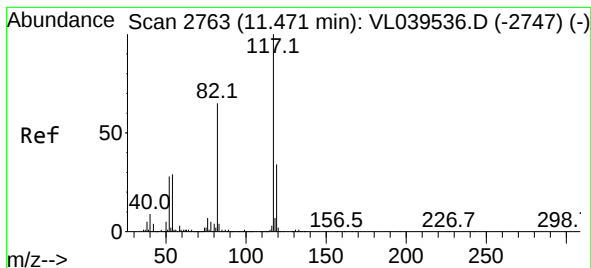
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#54
1,2-Dibromoethane
Concen: 11.183 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:107 Resp: 1116310
Ion Ratio Lower Upper
107 100
109 93.6 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.487 min Scan# 2763

Delta R.T. 0.017 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2670589

Ion Ratio Lower Upper

117 100

82 60.0 50.8 76.2

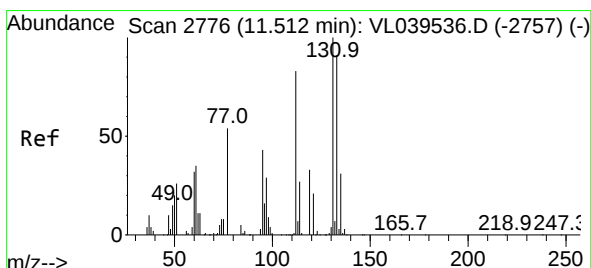
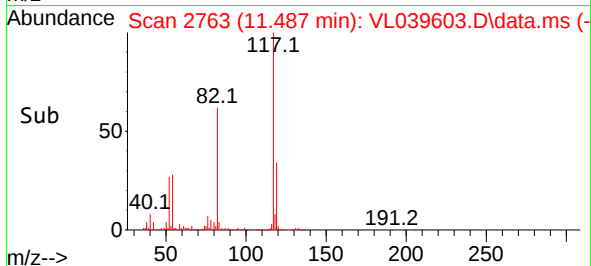
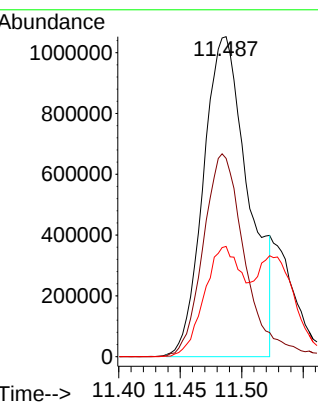
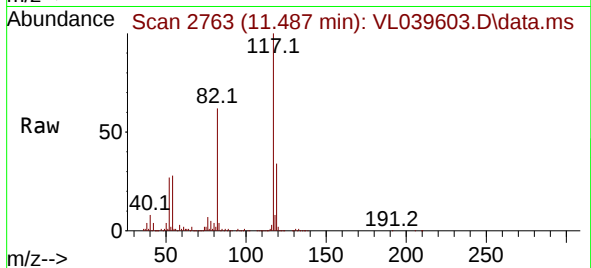
119 28.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.275 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. 0.013 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

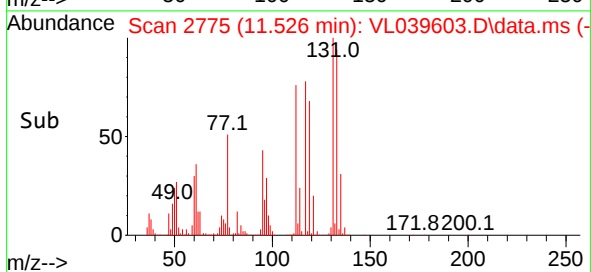
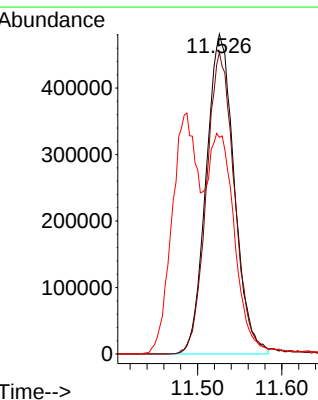
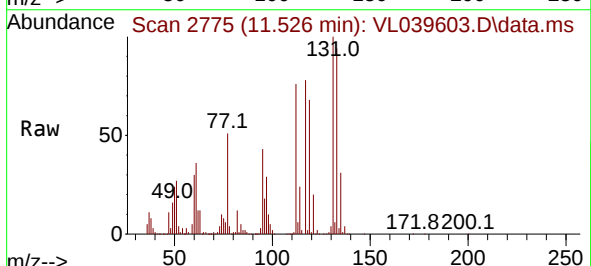
Tgt Ion:131 Resp: 1114963

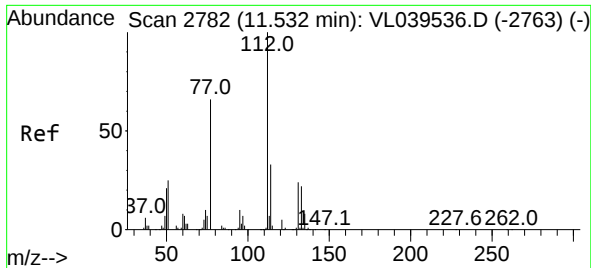
Ion Ratio Lower Upper

131 100

133 95.3 76.8 115.2

119 62.9 46.2 69.4





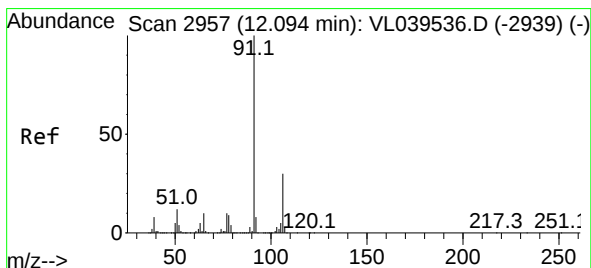
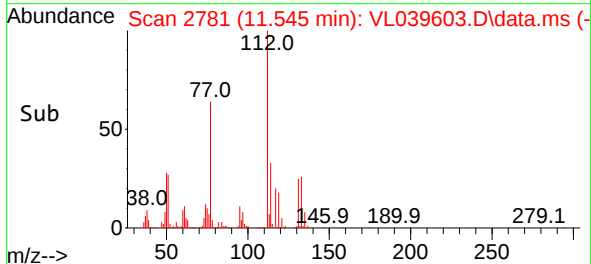
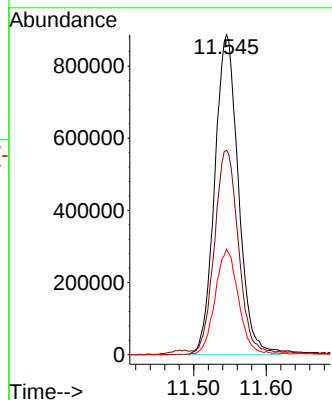
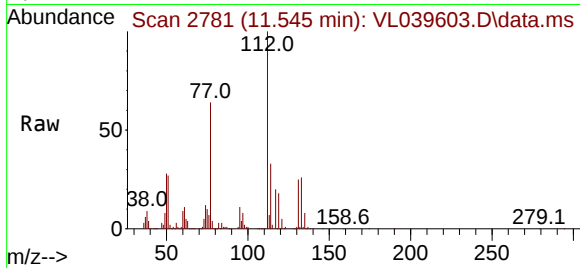
#57
Chlorobenzene
Concen: 10.109 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 201398
Ion Ratio Lower Upper
112 100
77 62.9 51.0 76.4
114 32.8 27.5 33.6

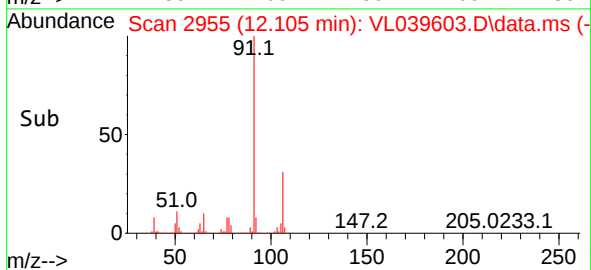
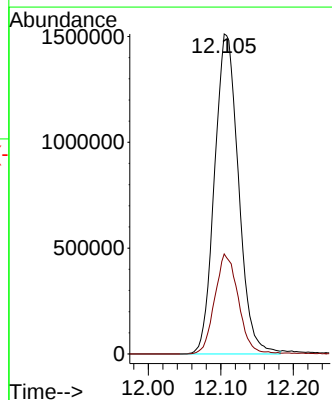
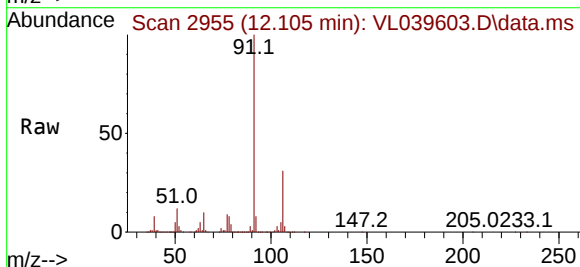
Manual Integrations
APPROVED

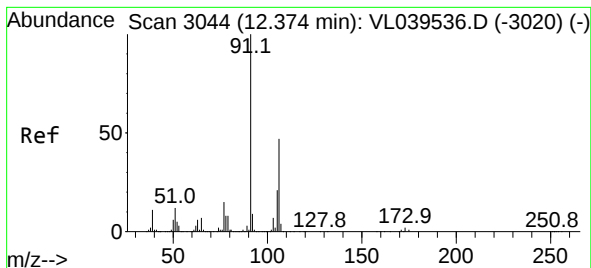
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#58
Ethyl Benzene
Concen: 11.309 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

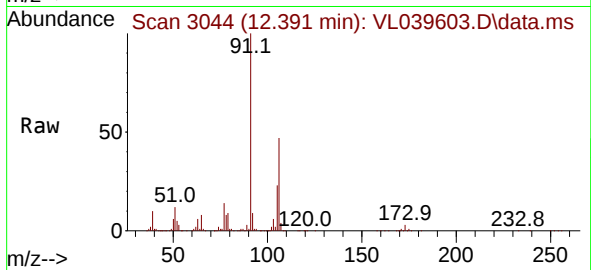
Tgt Ion: 91 Resp: 3469835
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0





#59
m/p-Xylene
Concen: 21.397 ppbv m
RT: 12.391 min Scan# 3044
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

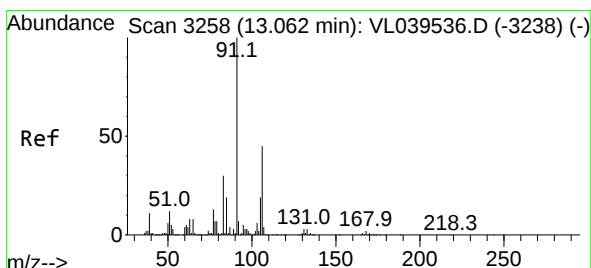
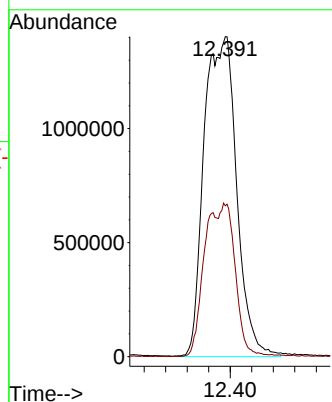
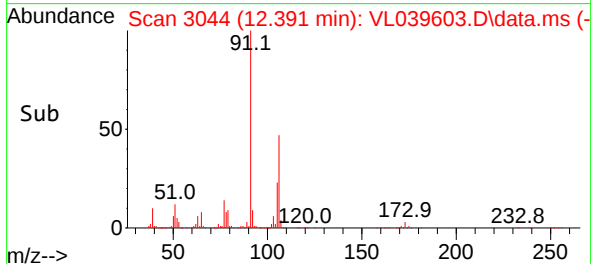
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 588995
Ion Ratio Lower Upper
91 100
106 45.6 35.4 53.2

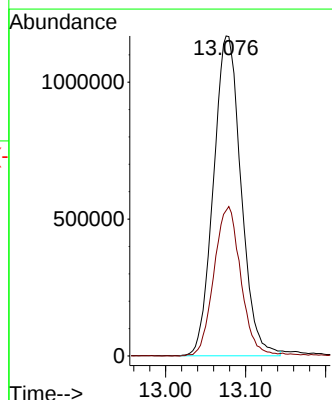
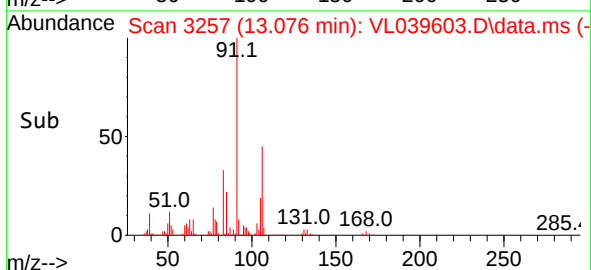
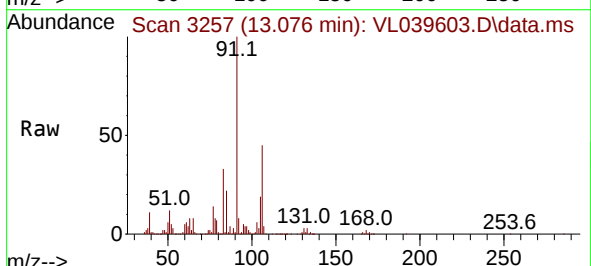
Manual Integrations
APPROVED

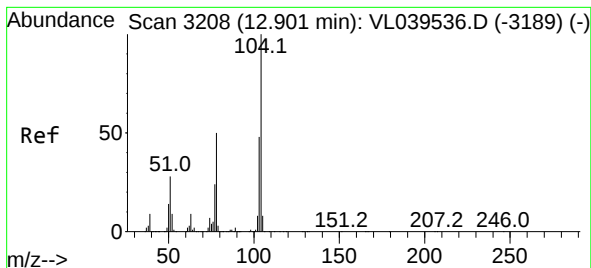
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#60
o-Xylene
Concen: 10.580 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion: 91 Resp: 2795521
Ion Ratio Lower Upper
91 100
106 46.4 22.4 67.3





#61

Styrene

Concen: 12.334 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.017 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1735808

Ion Ratio Lower Upper

104 100

78 49.8 41.2 61.8

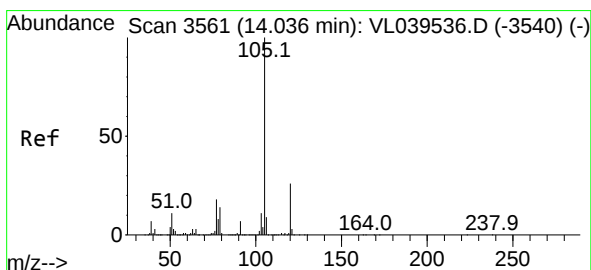
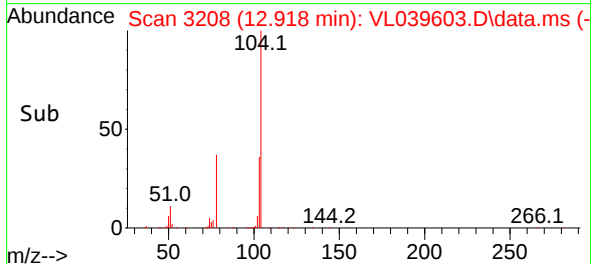
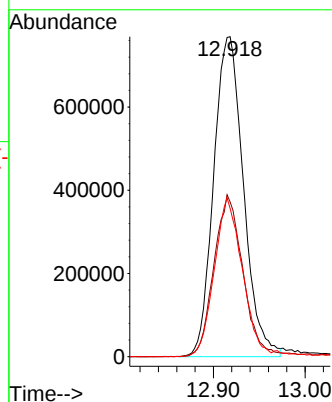
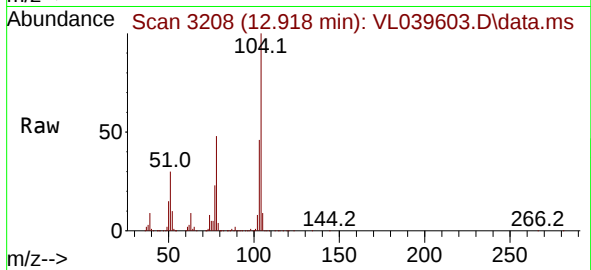
103 48.0 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#62

Isopropylbenzene

Concen: 10.290 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.010 min

Lab File: VL039603.D

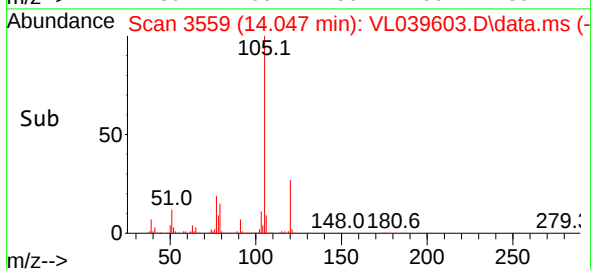
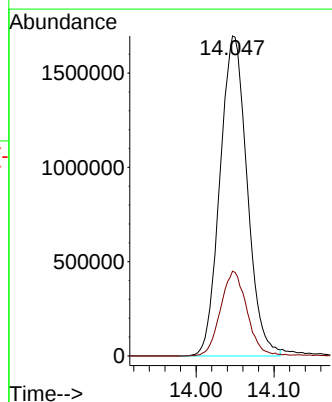
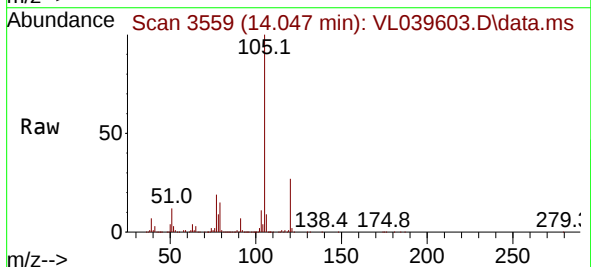
Acq: 31 Aug 2022 10:15

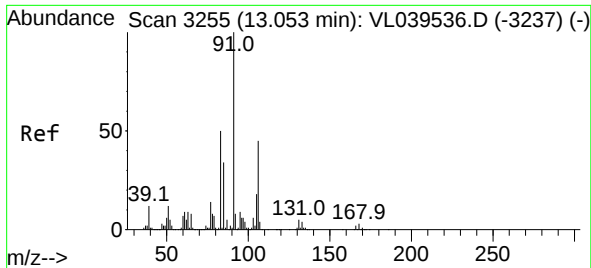
Tgt Ion:105 Resp: 4111699

Ion Ratio Lower Upper

105 100

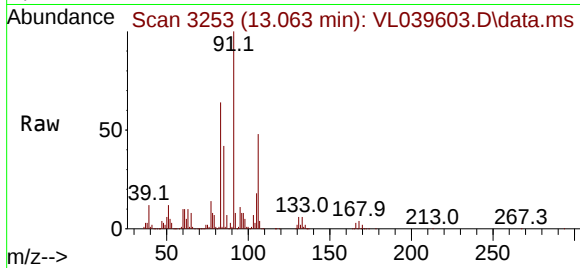
120 26.2 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.344 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

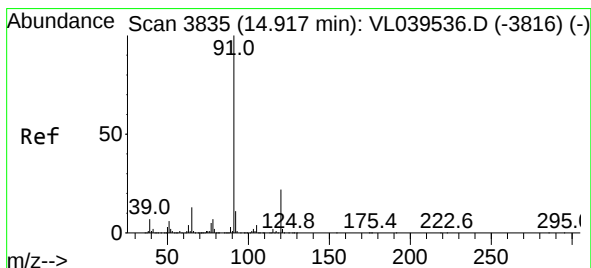
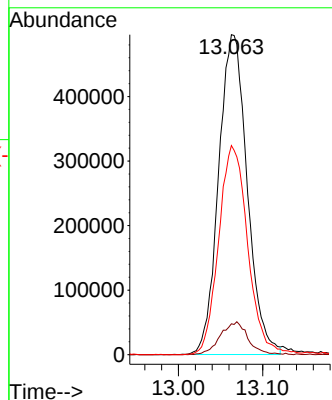
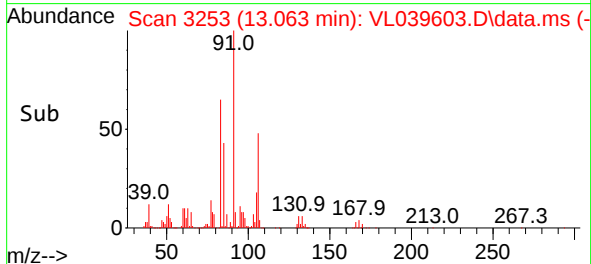
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



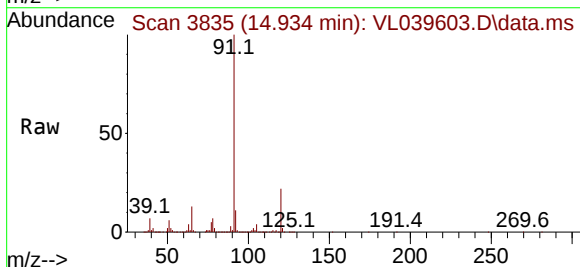
Tgt Ion: 83 Resp: 116921
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 67.2 33.1 99.5

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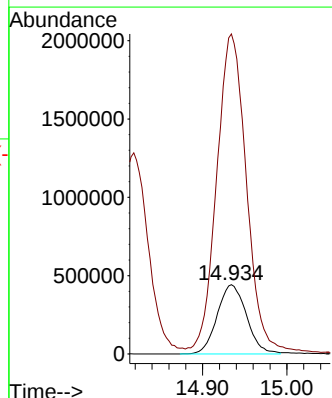
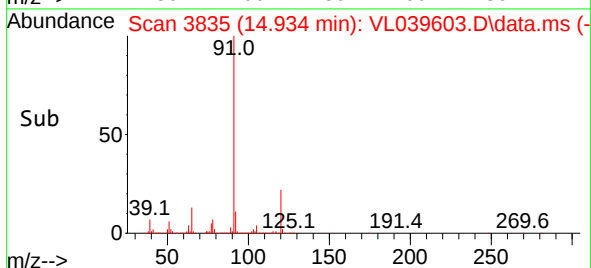
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

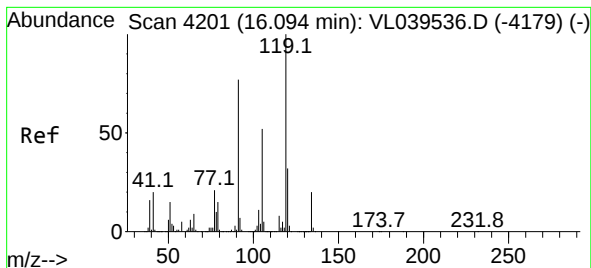


#64
n-propylbenzene
Concen: 10.281 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15



Tgt Ion:120 Resp: 1067651
Ion Ratio Lower Upper
120 100
91 475.7 367.2 550.8





#65

tert-Butylbenzene

Concen: 10.374 ppbv

RT: 16.108 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3684778

Ion Ratio Lower Upper

119 100

91 79.0 63.4 95.2

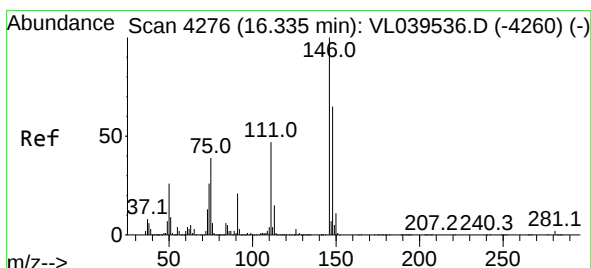
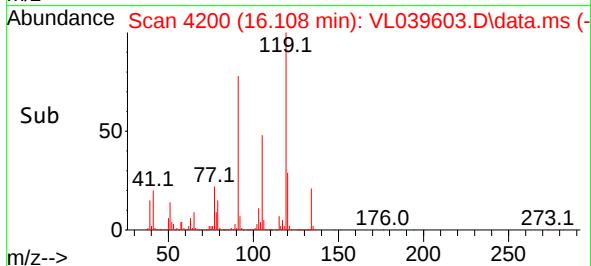
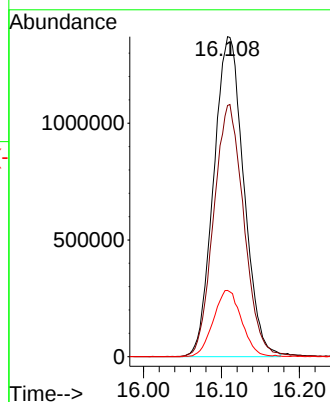
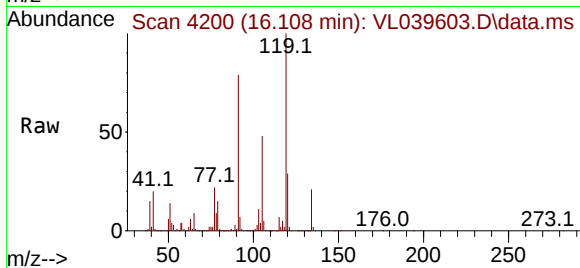
134 19.6 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#66

Benzyl Chloride

Concen: 12.628 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.013 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

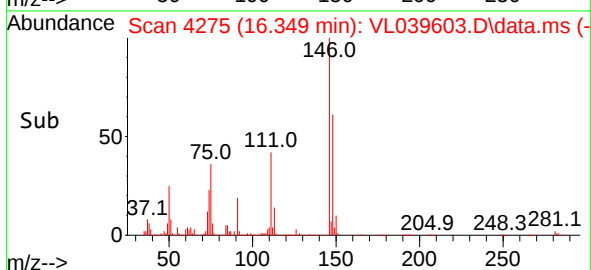
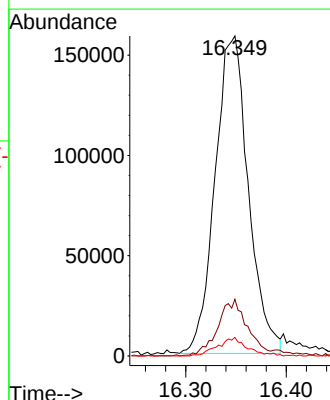
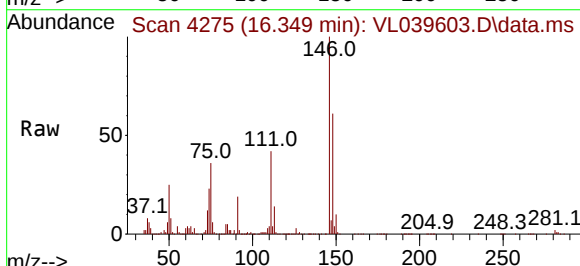
Tgt Ion: 91 Resp: 364327

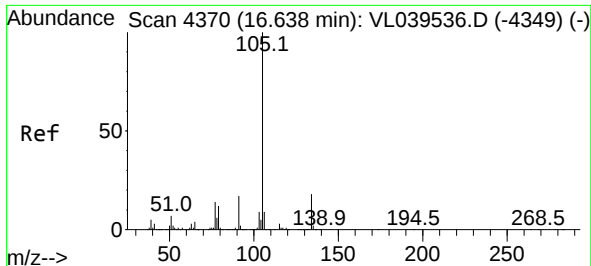
Ion Ratio Lower Upper

91 100

126 17.3 13.1 19.7

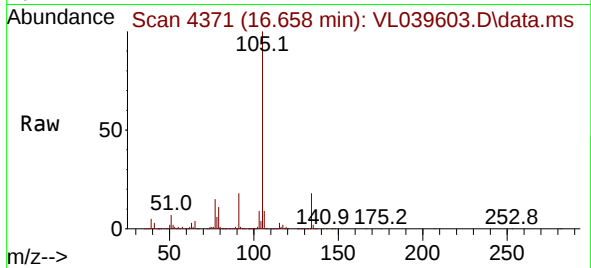
128 5.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.266 ppbv
 RT: 16.658 min Scan# 41
 Delta R.T. 0.020 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

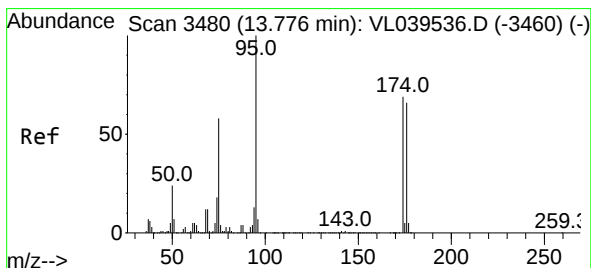
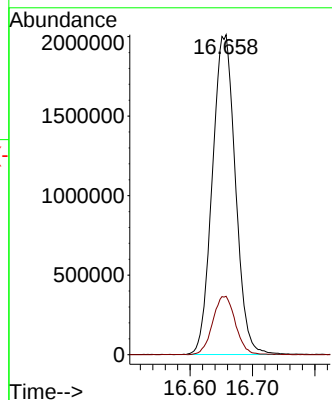
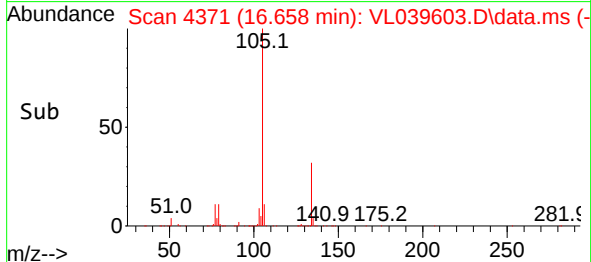
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 516469
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.8 22.2

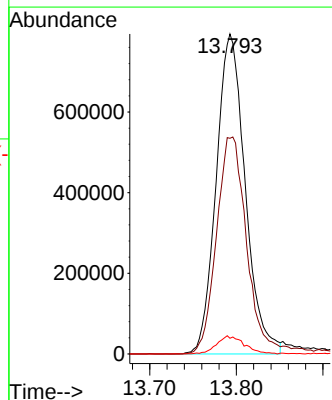
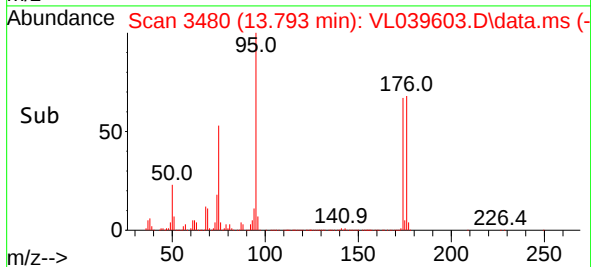
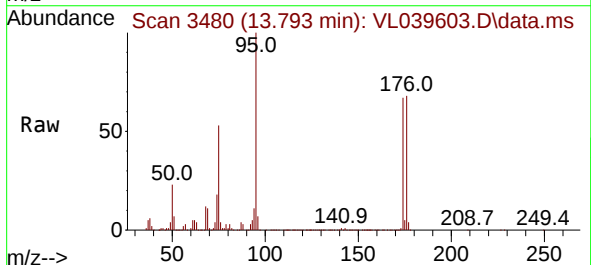
Manual Integrations
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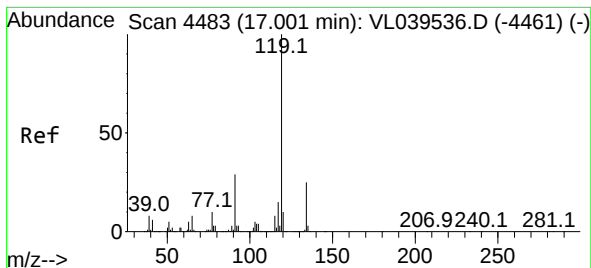
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.160 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.017 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Tgt Ion: 95 Resp: 1845602
 Ion Ratio Lower Upper
 95 100
 174 73.1 55.9 83.9
 175 5.5 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.383 ppbv

RT: 17.014 min Scan# 4483

Delta R.T. 0.013 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 4335872

Ion Ratio Lower Upper

119 100

134 25.3 20.3 30.5

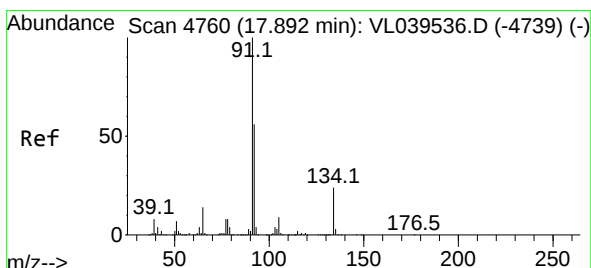
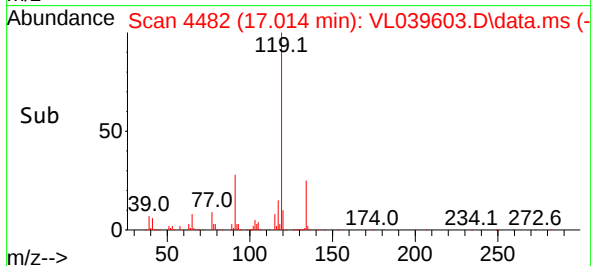
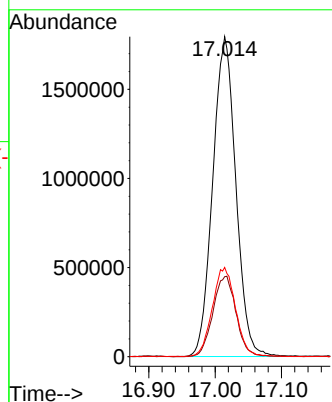
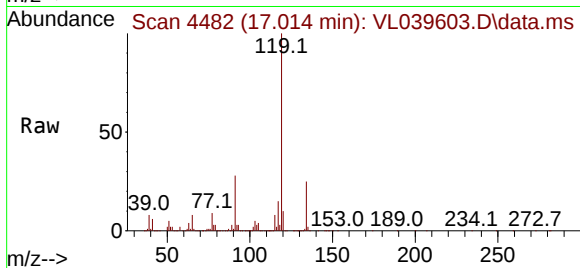
91 28.0 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#70

n-Butylbenzene

Concen: 10.406 ppbv

RT: 17.905 min Scan# 4759

Delta R.T. 0.013 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

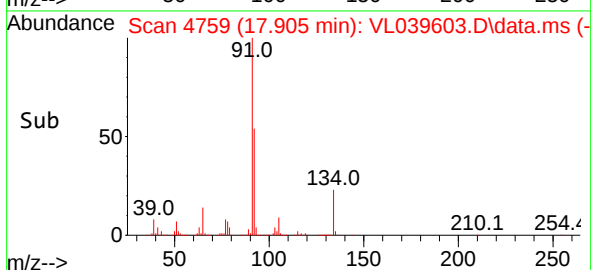
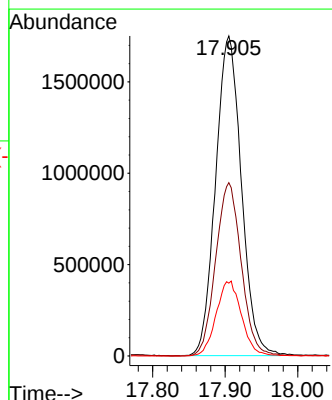
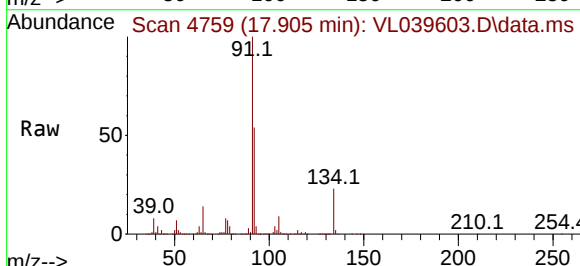
Tgt Ion: 91 Resp: 4323498

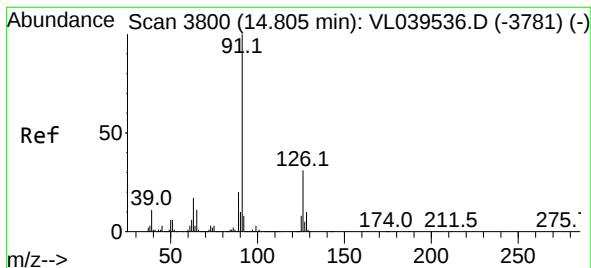
Ion Ratio Lower Upper

91 100

92 53.9 43.4 65.2

134 23.1 18.9 28.3





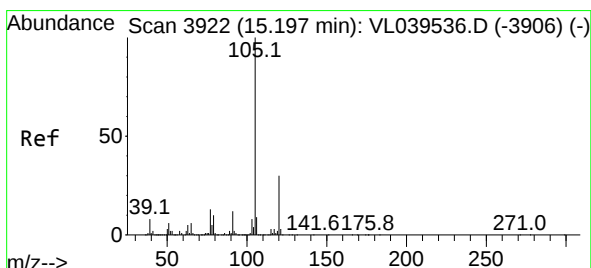
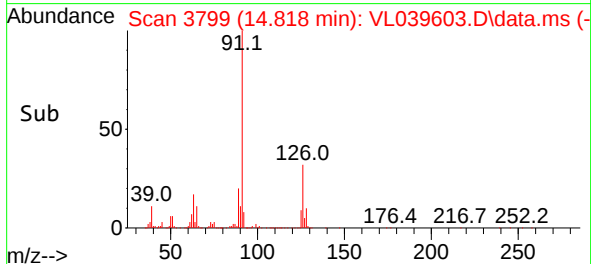
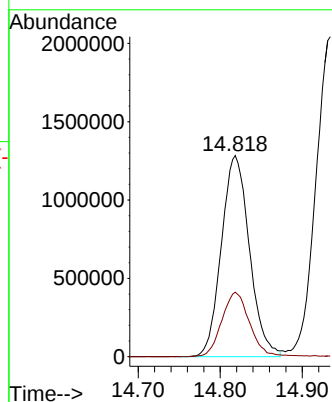
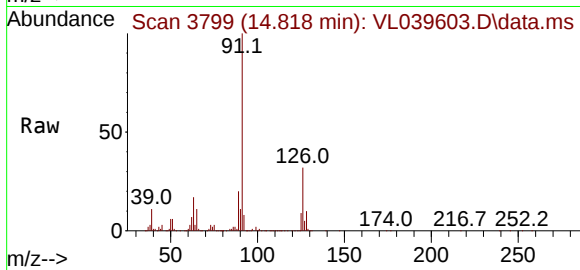
#71
2-Chlorotoluene
Concen: 10.545 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3051614
Ion Ratio Lower Upper
91 100
126 32.5 13.0 51.8

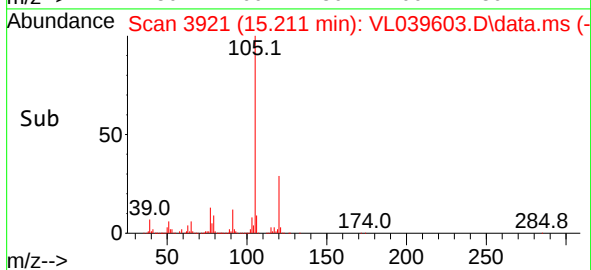
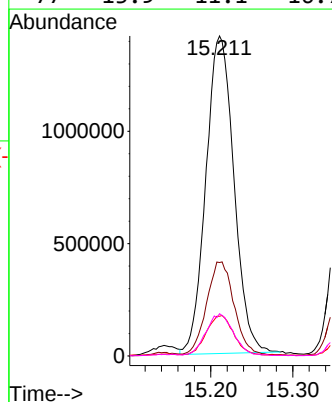
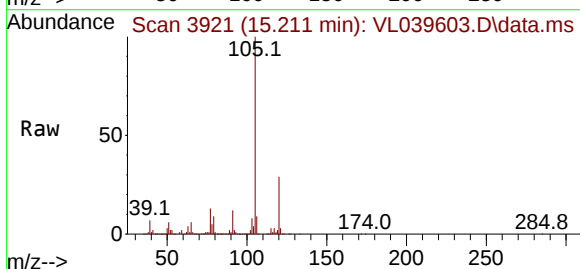
Manual Integrations
APPROVED

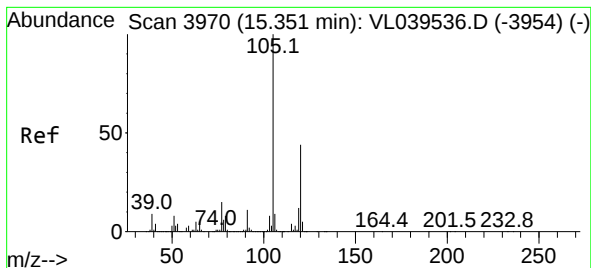
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#72
4-Ethyltoluene
Concen: 10.870 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

Tgt Ion:105 Resp: 3358340
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.4 10.2 15.4
77 13.9 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.520 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.017 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 297014

Ion Ratio Lower Upper

105 100

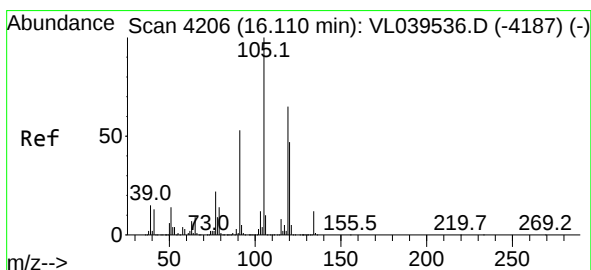
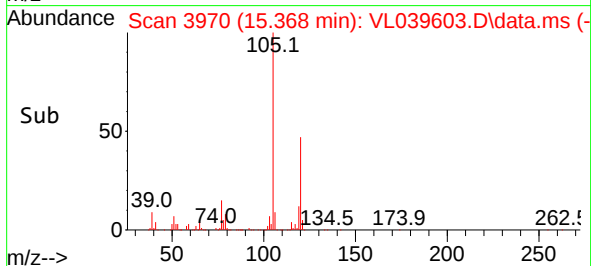
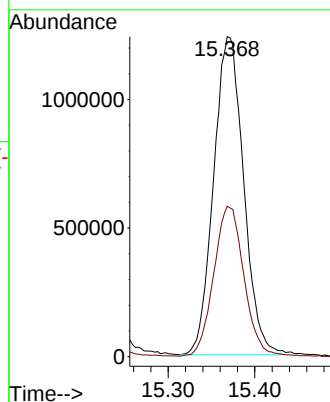
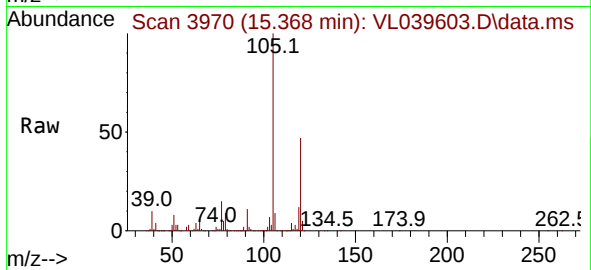
120 47.0 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.279 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.017 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

Tgt Ion:105 Resp: 3233669

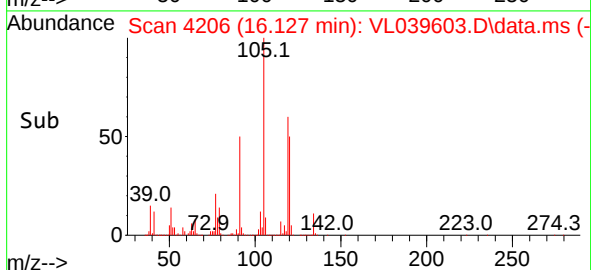
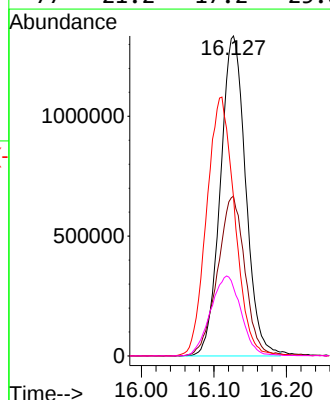
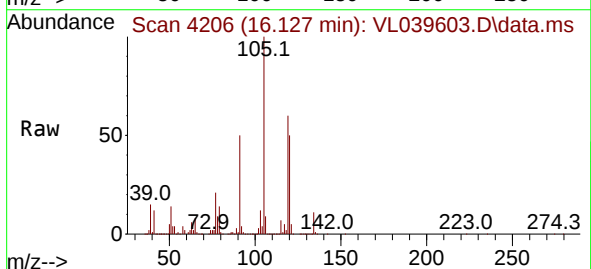
Ion Ratio Lower Upper

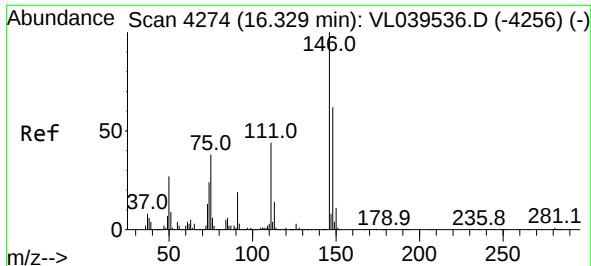
105 100

120 49.9 39.5 59.3

91 49.4 39.2 58.8

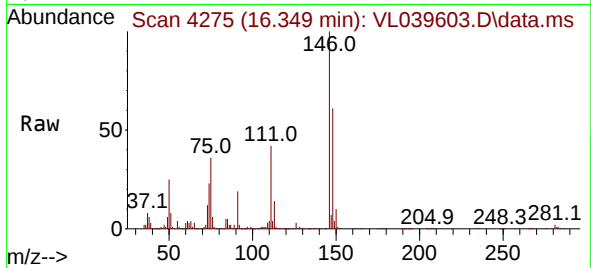
77 21.2 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 10.406 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.020 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

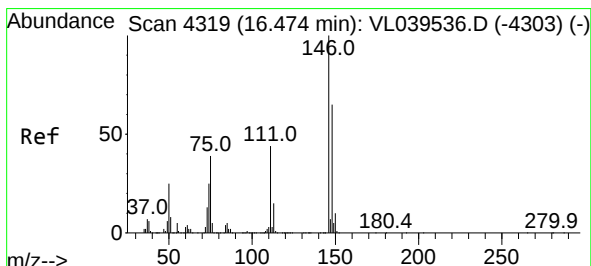
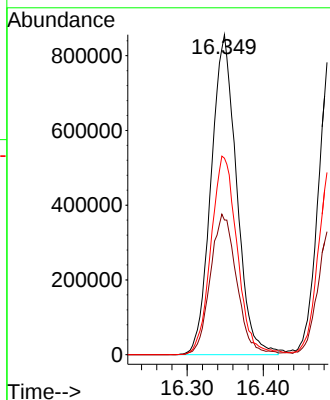
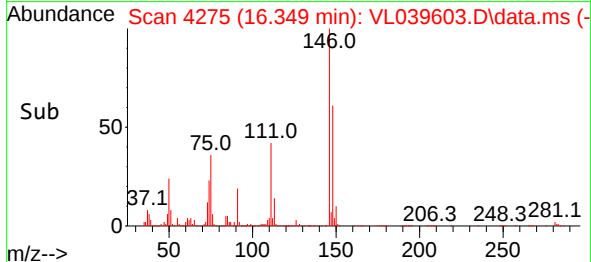
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



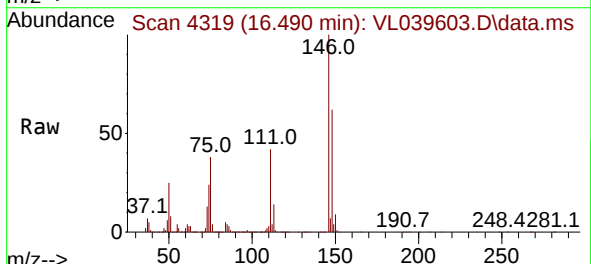
Tgt Ion:146 Resp: 1990362
Ion Ratio Lower Upper
146 100
111 45.8 22.9 68.7
148 64.0 32.1 96.5

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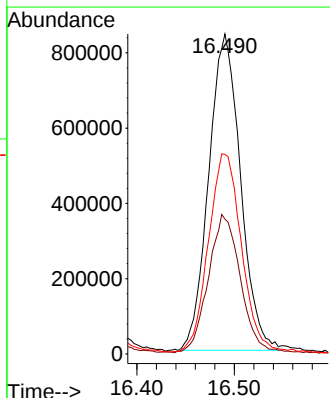
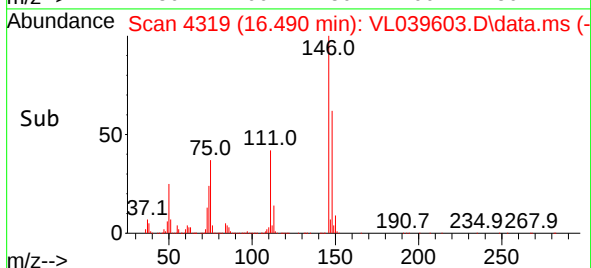
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

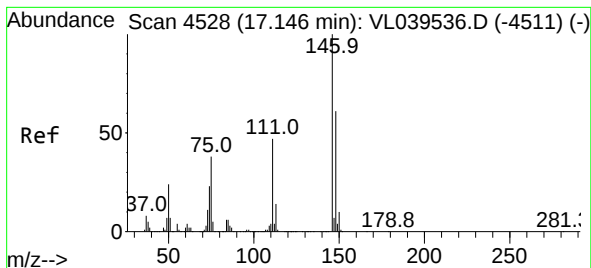


#76
1,4-Dichlorobenzene
Concen: 10.003 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.017 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15



Tgt Ion:146 Resp: 1906250
Ion Ratio Lower Upper
146 100
111 45.7 22.9 68.8
148 67.3 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 10.082 ppbv

RT: 17.159 min Scan# 4527

Delta R.T. 0.013 min

Lab File: VL039603.D

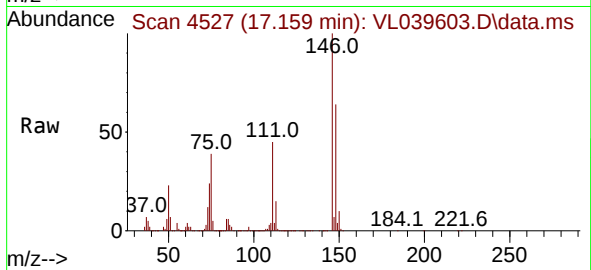
Acq: 31 Aug 2022 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 188839

Ion Ratio Lower Upper

146 100

111 47.4 23.8 71.5

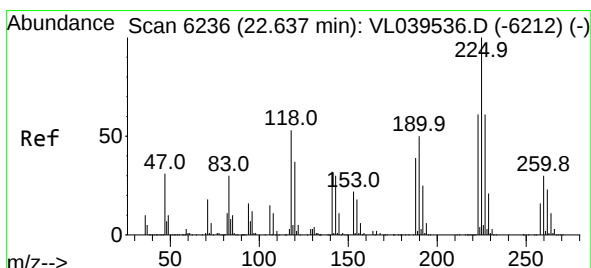
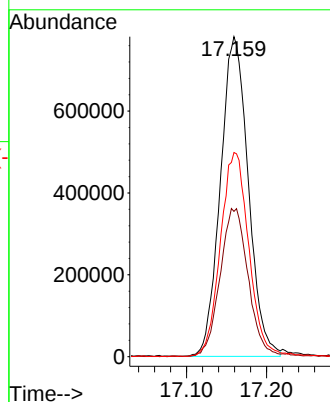
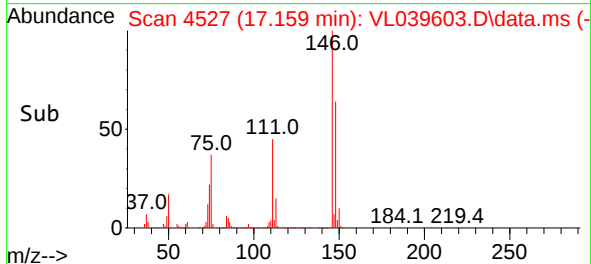
148 65.2 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.297 ppbv

RT: 22.651 min Scan# 6235

Delta R.T. 0.013 min

Lab File: VL039603.D

Acq: 31 Aug 2022 10:15

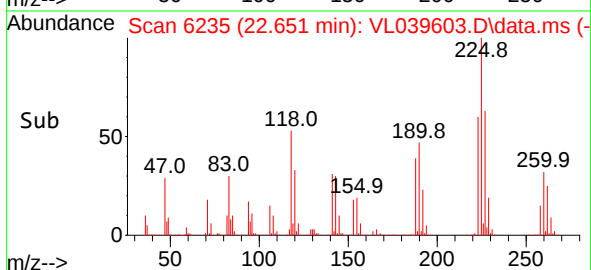
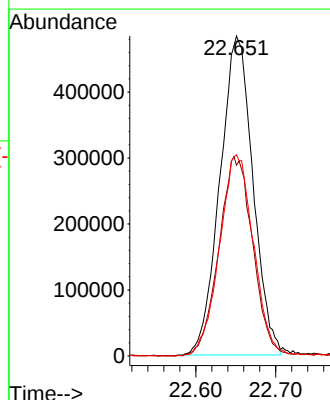
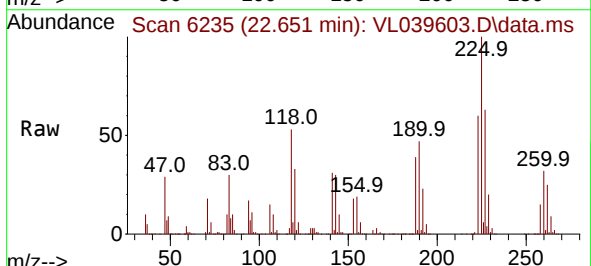
Tgt Ion:225 Resp: 1386807

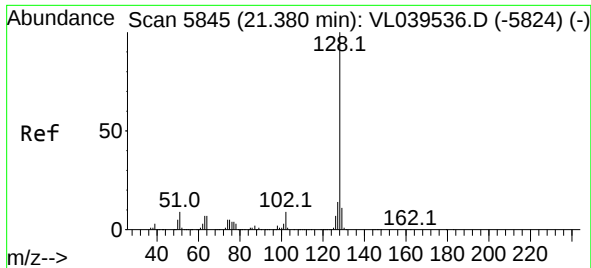
Ion Ratio Lower Upper

225 100

223 64.8 51.8 77.6

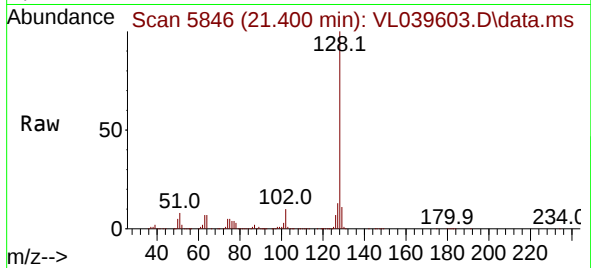
227 65.4 51.4 77.2





#79
Naphthalene
Concen: 12.616 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.020 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15

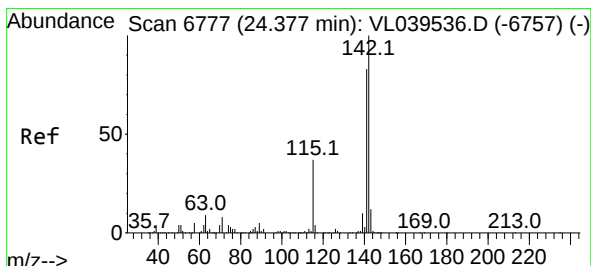
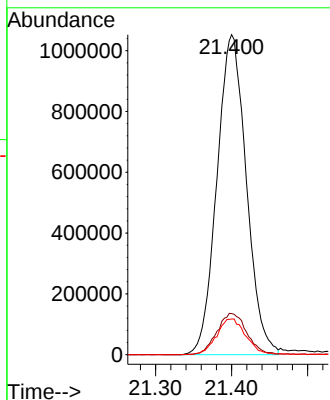
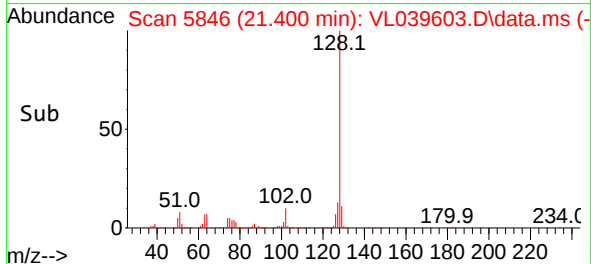
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



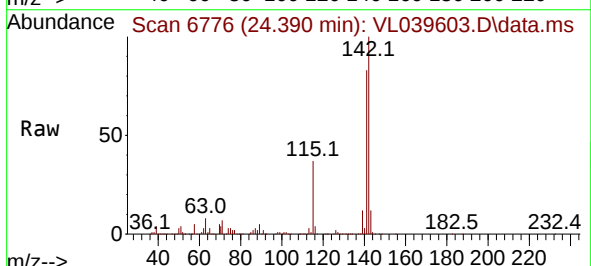
Tgt Ion:128 Resp: 2826710
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.1 8.8 13.2

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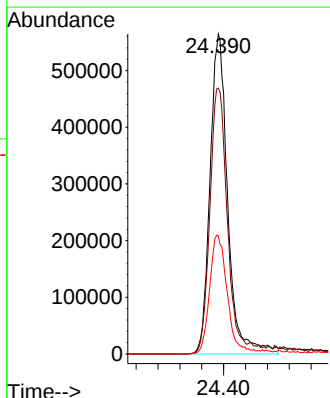
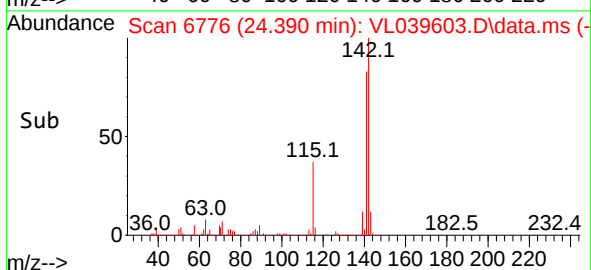
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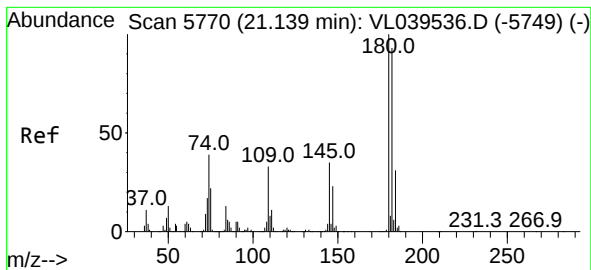


#80
Naphthalene,2-methyl-
Concen: 13.926 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.013 min
Lab File: VL039603.D
Acq: 31 Aug 2022 10:15



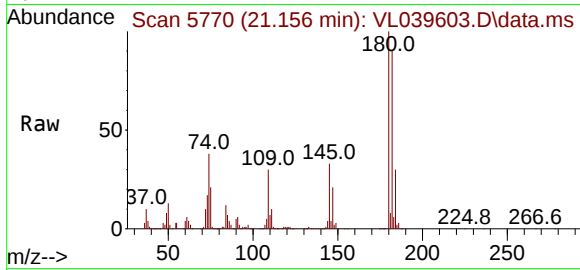
Tgt Ion:142 Resp: 1266352
Ion Ratio Lower Upper
142 100
141 84.5 68.9 103.3
115 37.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.659 ppbv
 RT: 21.156 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: VL039603.D
 Acq: 31 Aug 2022 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 159468
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.1 115.7
 184 31.1 24.3 36.5

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