

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039738.D
 Acq On : 18 Oct 2022 10:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/19/2022
 Supervised By : Mahesh Dadoda 10/19/2022

Quant Time: Oct 18 12:39:05 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1063574	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.684	114	2806739	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2631566	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.802 95 1949720 9.925 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.767	85	1870211	15.168	ppbv	99
3) Chlorodifluoromethane	2.709	51	1169710	9.268	ppbv	96
4) Chloromethane	2.848	50	716363	9.405	ppbv	98
5) Vinyl Chloride	2.957	62	615748	9.699	ppbv	100
6) Bromomethane	3.156	94	223132	9.530	ppbv	97
7) Chloroethane	3.234	64	230119	9.912	ppbv	94
8) Dichlorotetrafluoroethane	2.893	85	1509868	10.208	ppbv	95
9) Propene	2.729	41	550896	9.557	ppbv	98
10) Heptane	7.610	43	1368054	10.170	ppbv	98
11) Trichlorofluoromethane	3.597	101	1441100	9.438	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.102	101	1116114	9.677	ppbv	98
13) Ethanol	3.275	45	16372	3.728	ppbv #	23
14) Bromoethene	3.404	108	436852	9.488	ppbv	96
15) Acetone	3.504	43	1119617	9.460	ppbv	100
16) 1,3-Butadiene	3.021	39	606204	10.097	ppbv	97
17) tert-Butyl alcohol	3.912	59	910160	8.570	ppbv	100
18) 1,1-Dichloroethene	3.915	96	508319	10.017	ppbv	98
19) Isopropyl Alcohol	3.613	45	489349	8.112	ppbv	98
20) Methylene Chloride	3.970	84	430150	7.861	ppbv	97
21) Allyl Chloride	4.034	41	790632	9.811	ppbv	99
22) trans-1,2-Dichloroethene	4.481	96	523015	10.419	ppbv	97
23) Vinyl Acetate	4.661	43	486447	9.092	ppbv	98
24) 1,1-Dichloroethane	4.600	63	1053355	9.887	ppbv	99
25) Ethyl Acetate	5.240	43	2446935	9.482	ppbv	99
26) Hexane	5.243	57	987831	9.020	ppbv	96
27) Carbon Disulfide	4.160	76	1255859	10.912	ppbv	98
28) Methyl tert-Butyl Ether	4.623	73	852943	9.270	ppbv	99
29) Chloroform	5.307	83	1524980	9.646	ppbv	100
30) Cyclohexane	6.632	84	850730	10.031	ppbv	96
31) cis-1,2-Dichloroethene	5.111	61	970114	9.794	ppbv	98
32) 1,1,1-Trichloroethane	6.034	97	1455285	10.168	ppbv	98
34) 2-Butanone	4.822	43	1272133	9.228	ppbv	96
35) Carbon Tetrachloride	6.526	117	1559472	10.466	ppbv	98
36) Benzene	6.404	78	2089983	9.740	ppbv	96
37) 1,2-Dichloroethane	5.841	62	1142272	9.780	ppbv	100
38) Trichloroethene	7.323	130	1201174	10.358	ppbv	98
39) 1,2-Dichloropropane	7.105	63	794088	9.583	ppbv	94
40) 1,4-Dioxane	7.314	88	274239	8.105	ppbv #	1
41) Tetrahydrofuran	5.590	42	860338	10.172	ppbv	95
42) Bromodichloromethane	7.278	83	1636616	10.075	ppbv	98
43) Methyl Methacrylate	7.507	69	815616	10.427	ppbv	96
44) 2,2,4-Trimethylpentane	7.359	57	3566200	9.642	ppbv	99
45) t-1,3-Dichloropropene	8.738	75	752344	11.382	ppbv	95

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Quant Time: Oct 18 12:39:05 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022

QLast Update : Tue Oct 18 05:23:57 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	1052306	11.183	ppbv	100
47) 1,1,2-Trichloroethane	8.925	97	853585	9.424	ppbv	98
48) Dibromochloromethane	9.735	129	1413998	10.368	ppbv	99
49) Bromoform	12.433	173	1156218	10.250	ppbv	98
50) 4-Methyl-2-Pentanone	8.211	43	2246650	10.371	ppbv	98
51) 2-Hexanone	9.581	43	1741935	10.863	ppbv #	98
52) Tetrachloroethene	10.645	164	779321	9.519	ppbv	95
53) Toluene	9.249	91	2467042	10.337	ppbv	99
54) 1,2-Dibromoethane	10.037	107	993207	10.251	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.532	131	1032642	9.710	ppbv	96
57) Chlorobenzene	11.555	112	1847762	9.549	ppbv	96
58) Ethyl Benzene	12.114	91	3212625	10.588	ppbv	98
59) m/p-Xylene	12.397	91	5399604m	19.997	ppbv	
60) o-Xylene	13.085	91	2590168	10.045	ppbv	100
61) Styrene	12.925	104	1535703	11.058	ppbv	98
62) Isopropylbenzene	14.053	105	3744045	9.649	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.072	83	960803	9.341	ppbv	99
64) n-propylbenzene	14.944	120	972794	9.790	ppbv	97
65) tert-Butylbenzene	16.114	119	3273473	9.549	ppbv	98
66) Benzyl Chloride	16.352	91	161312	5.910	ppbv #	84
67) sec-Butylbenzene	16.664	105	4574206	9.513	ppbv	98
69) p-Isopropyltoluene	17.021	119	3799177	9.616	ppbv	100
70) n-Butylbenzene	17.911	91	3830462	9.890	ppbv	99
71) 2-Chlorotoluene	14.828	91	2749676	9.815	ppbv	99
72) 4-Ethyltoluene	15.220	105	3022722	10.268	ppbv	99
73) 1,3,5-Trimethylbenzene	15.378	105	2721690	10.104	ppbv	98
74) 1,2,4-Trimethylbenzene	16.133	105	2898873	9.601	ppbv	97
75) 1,3-Dichlorobenzene	16.358	146	1732002	9.614	ppbv	99
76) 1,4-Dichlorobenzene	16.500	146	1690706	9.381	ppbv	98
77) 1,2-Dichlorobenzene	17.169	146	822445	4.681	ppbv #	22
78) Hexachloro-1,3-Butadiene	22.657	225	1329297	9.902	ppbv	100
79) Naphthalene	21.407	128	2760489	13.853	ppbv	100
80) Naphthalene,2-methyl-	24.397	142	913285	12.190	ppbv	97
81) 1,2,4-Trichlorobenzene	21.165	180	1545990	11.812	ppbv	99

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

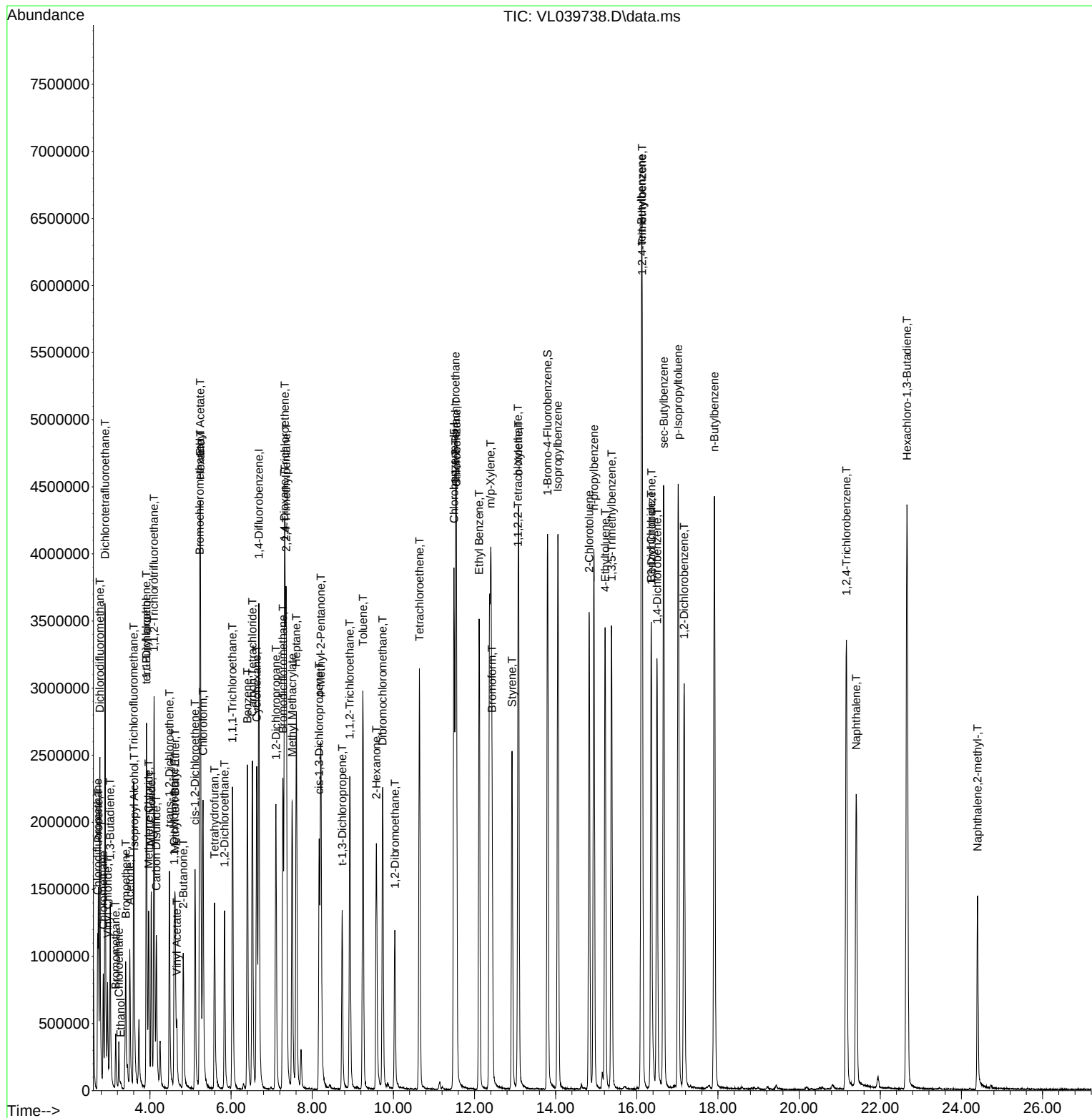
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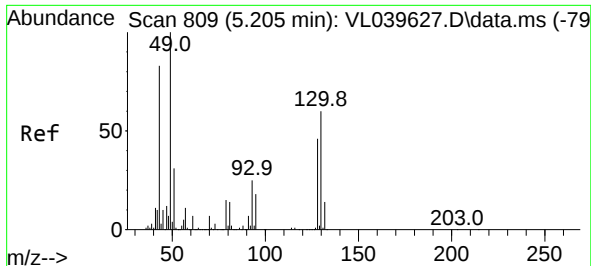
Instrument :
MSVOA_L
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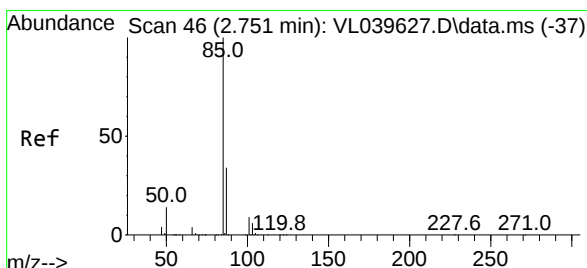
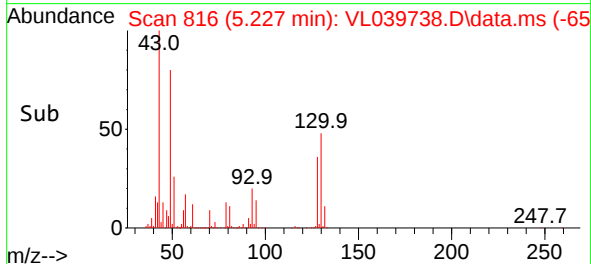
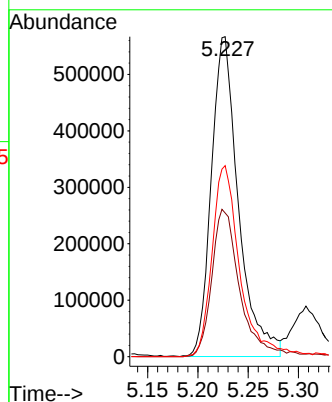
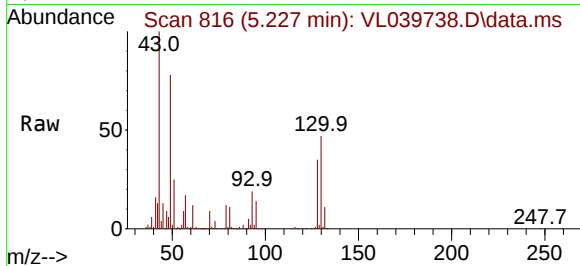
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1063574
Ion Ratio Lower Upper
49 100
128 48.7 26.7 80.0
130 62.4 34.3 102.8

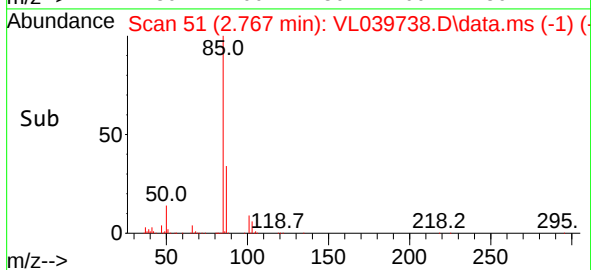
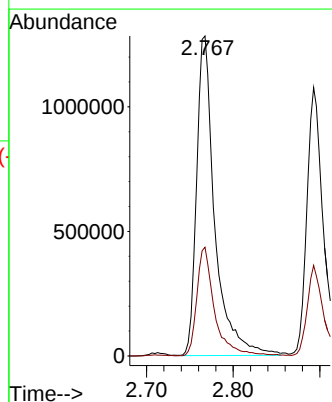
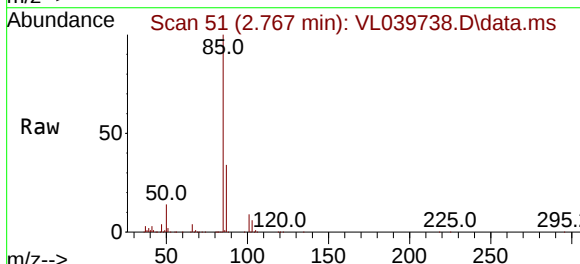
Manual Integrations
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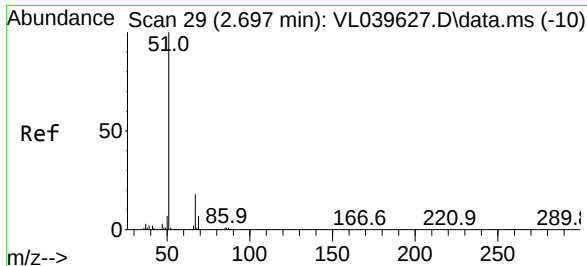
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#2
Dichlorodifluoromethane
Concen: 15.168 ppbv
RT: 2.767 min Scan# 51
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

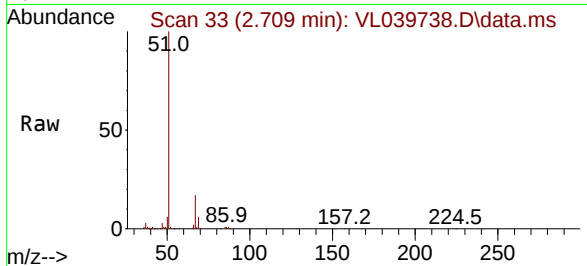
Tgt Ion: 85 Resp: 1870211
Ion Ratio Lower Upper
85 100
87 33.9 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.268 ppbv
RT: 2.709 min Scan# 31
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

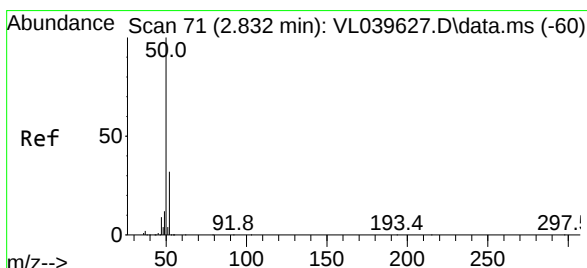
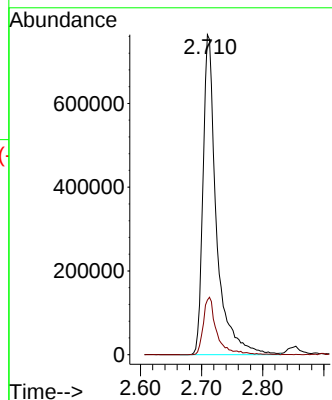
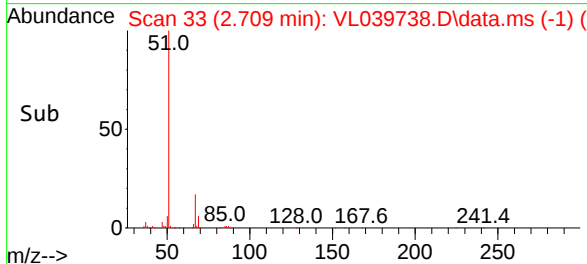
Instrument :
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ClientSampleId :
VSTDCCC010EC



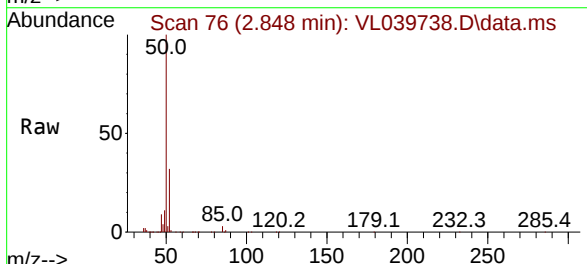
Tgt Ion: 51 Resp: 1169710
Ion Ratio Lower Upper
51 100
67 18.0 15.7 23.5

Manual Integrations
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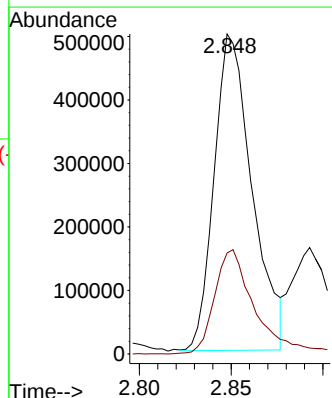
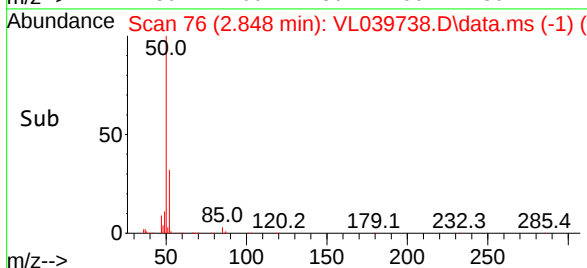
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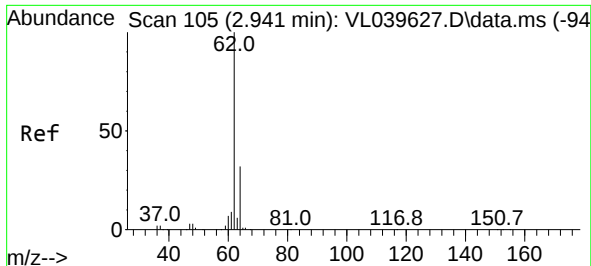


#4
Chloromethane
Concen: 9.405 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



Tgt Ion: 50 Resp: 716363
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7





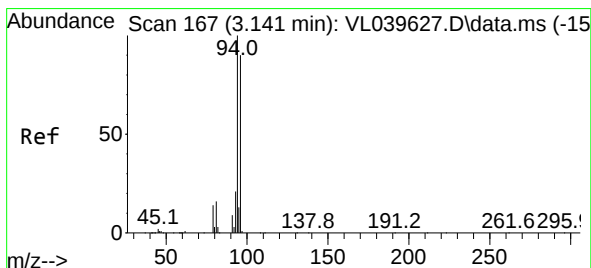
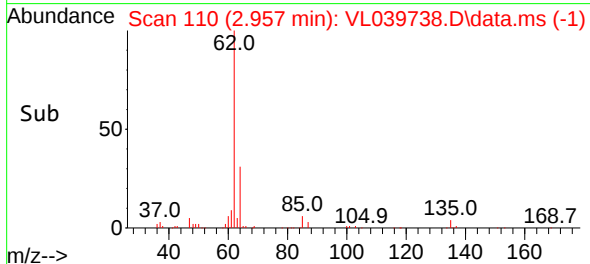
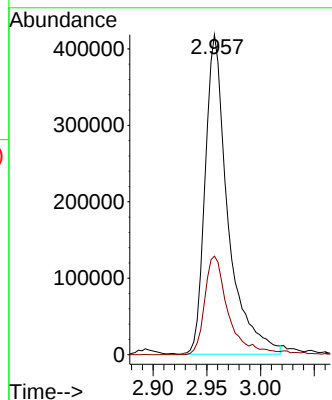
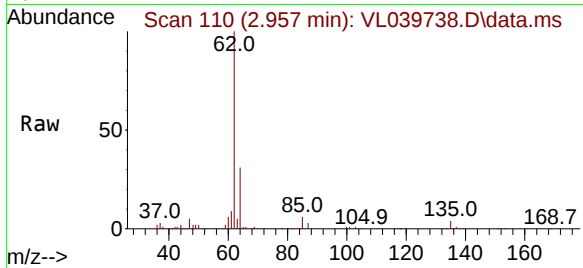
#5
 Vinyl Chloride
 Concen: 9.699 ppbv
 RT: 2.957 min Scan# 110
 Delta R.T. 0.017 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 615748
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.6 36.8

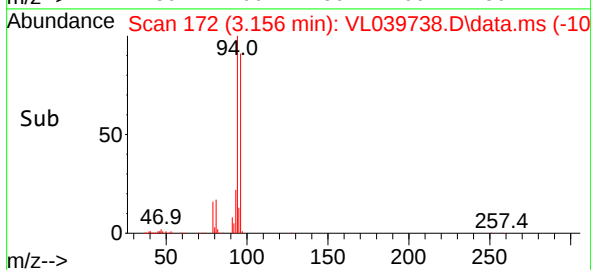
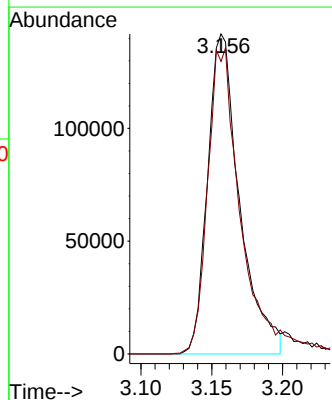
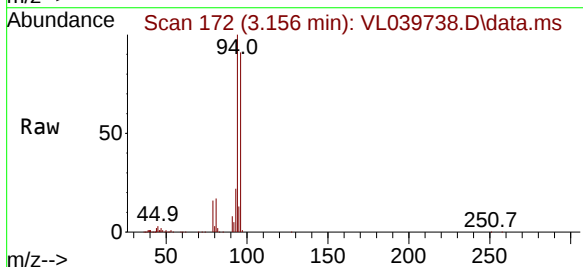
Manual Integrations
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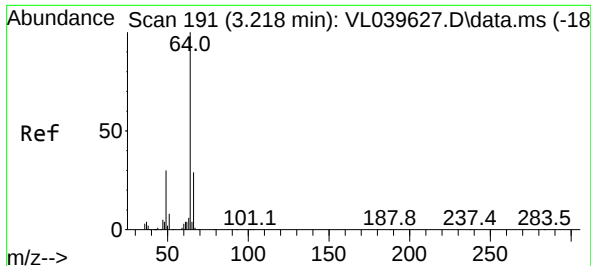
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#6
 Bromomethane
 Concen: 9.530 ppbv
 RT: 3.156 min Scan# 172
 Delta R.T. 0.020 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

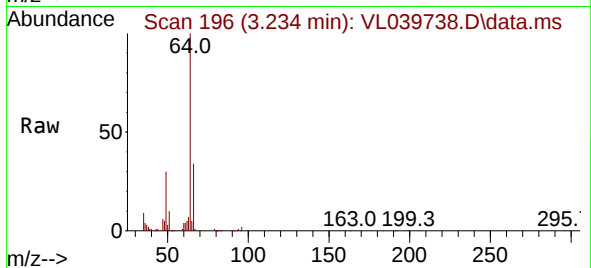
Tgt Ion: 94 Resp: 223132
 Ion Ratio Lower Upper
 94 100
 96 91.1 75.6 113.4





#7
Chloroethane
Concen: 9.912 ppbv
RT: 3.234 min Scan# 191
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

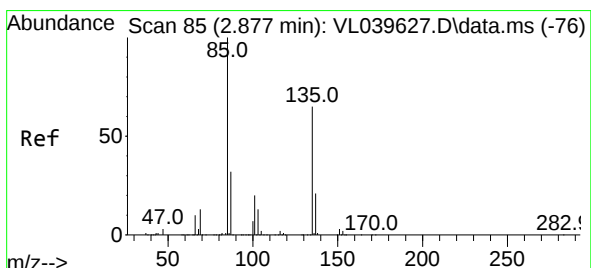
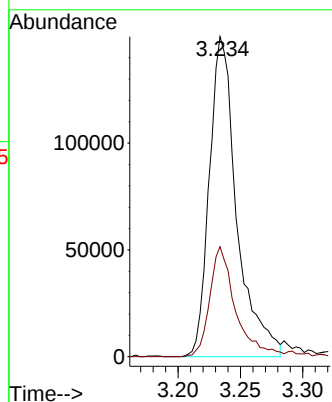
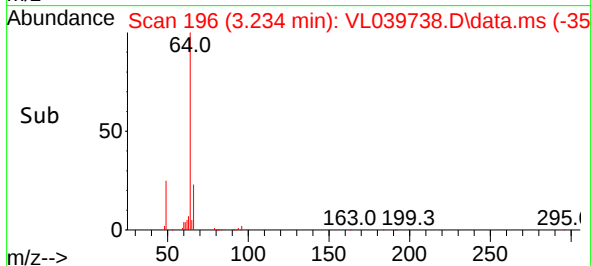
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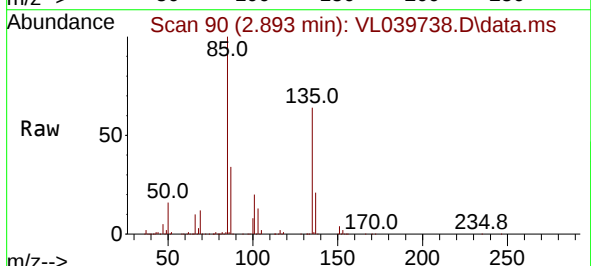
Tgt Ion: 64 Resp: 230119
Ion Ratio Lower Upper
64 100
66 34.3 24.7 37.1

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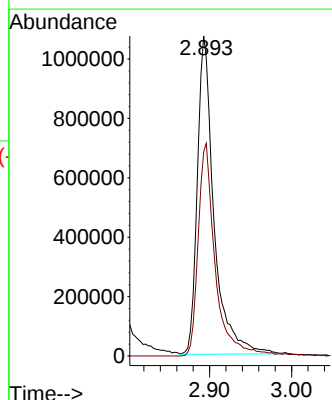
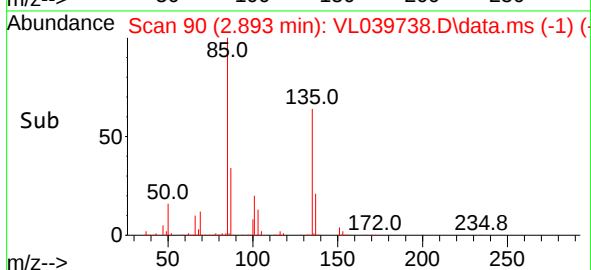
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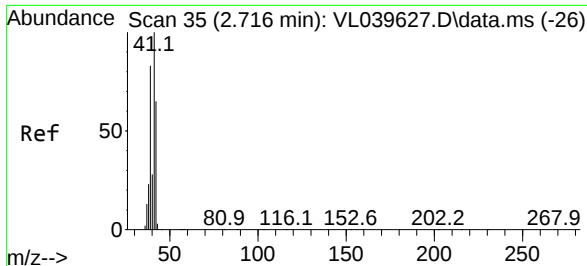


#8
Dichlorotetrafluoroethane
Concen: 10.208 ppbv
RT: 2.893 min Scan# 90
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



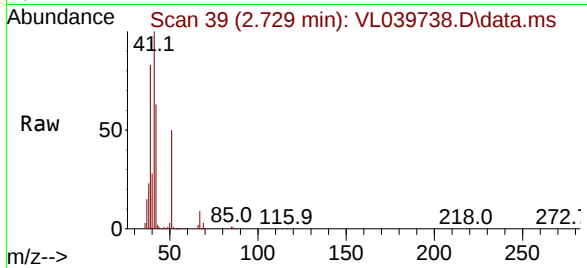
Tgt Ion: 85 Resp: 1509868
Ion Ratio Lower Upper
85 100
135 69.4 59.0 88.4





#9
 Propene
 Concen: 9.557 ppbv
 RT: 2.729 min Scan# 39
 Delta R.T. 0.013 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

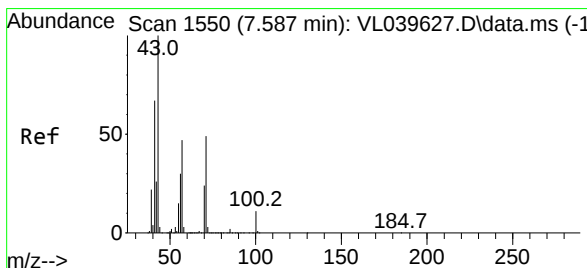
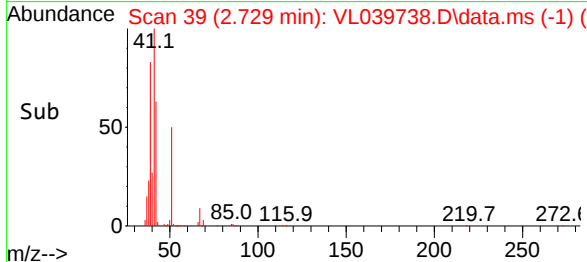
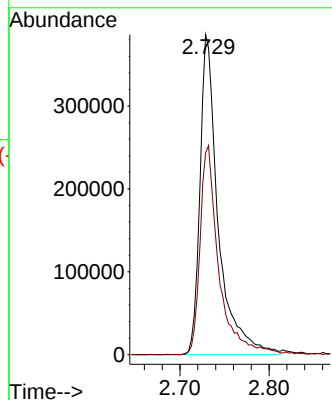
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Tgt Ion: 41 Resp: 550890
 Ion Ratio Lower Upper
 41 100
 42 67.4 55.2 82.8

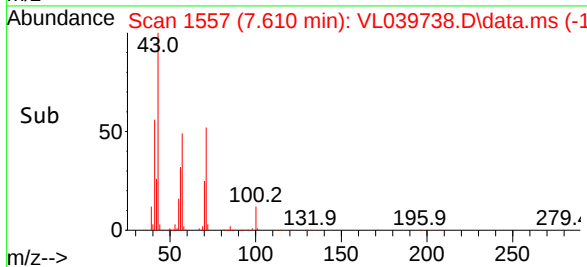
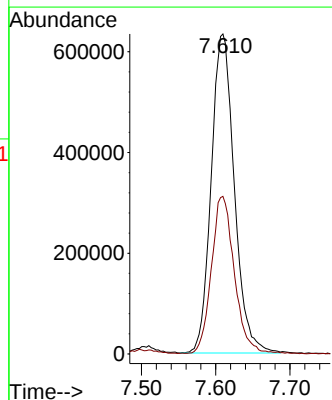
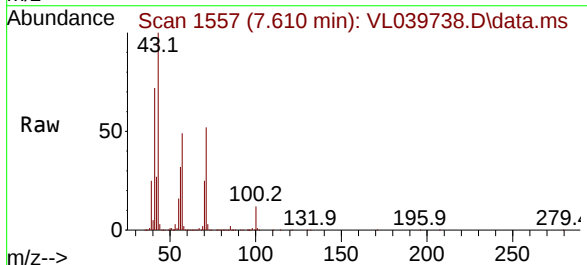
Manual Integrations
 APPROVED

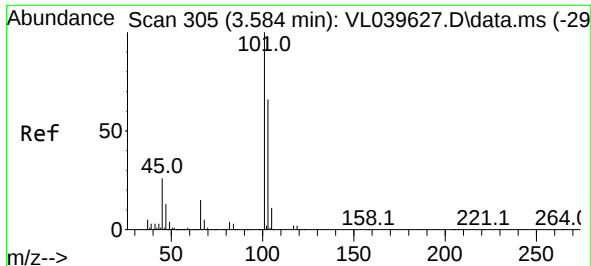
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#10
 Heptane
 Concen: 10.170 ppbv
 RT: 7.610 min Scan# 1557
 Delta R.T. 0.023 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

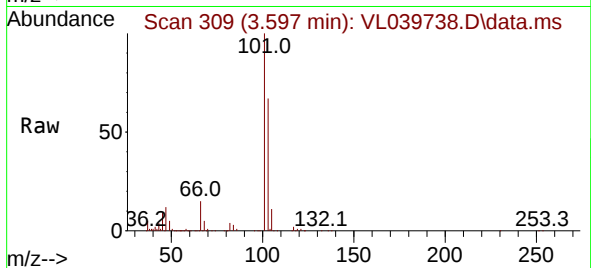
Tgt Ion: 43 Resp: 1368054
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.438 ppbv
 RT: 3.597 min Scan# 305
 Delta R.T. 0.017 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

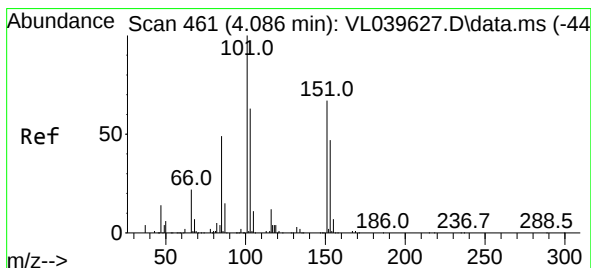
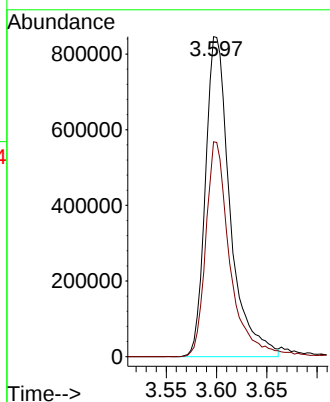
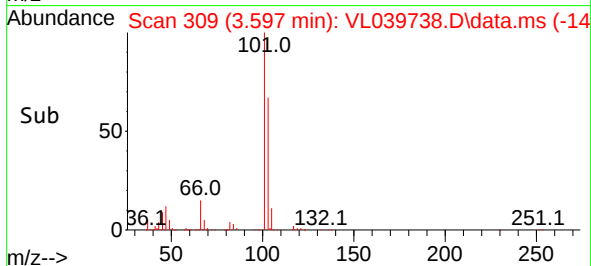
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



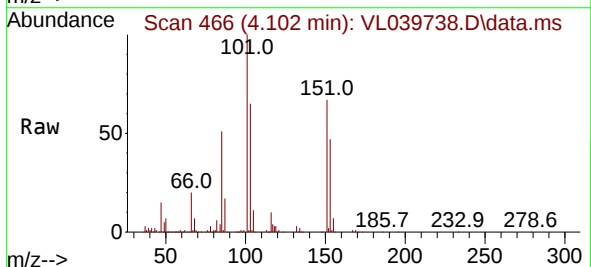
Tgt Ion:101 Resp: 1441100
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.8 77.8

Manual Integrations
 APPROVED

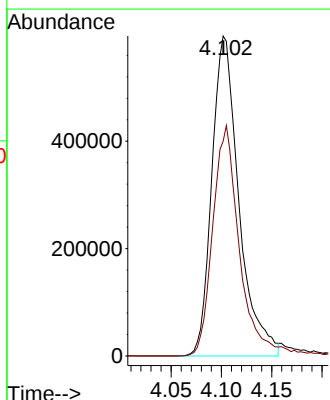
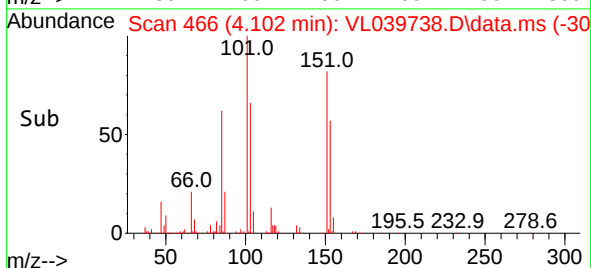
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

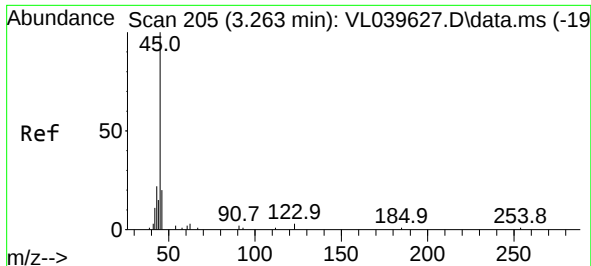


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.677 ppbv
 RT: 4.102 min Scan# 466
 Delta R.T. 0.020 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53



Tgt Ion:101 Resp: 1116114
 Ion Ratio Lower Upper
 101 100
 151 72.3 58.9 88.3





#13
Ethanol
Concen: 3.728 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

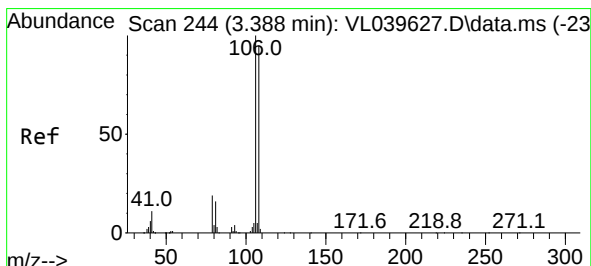
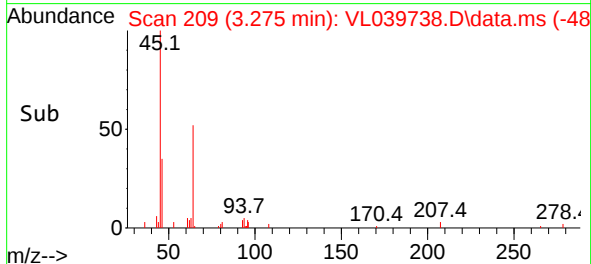
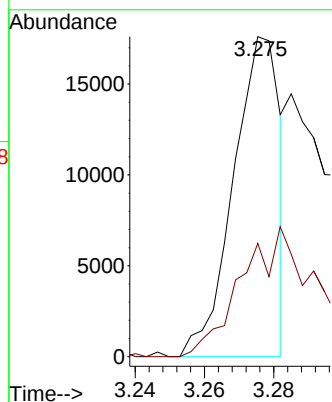
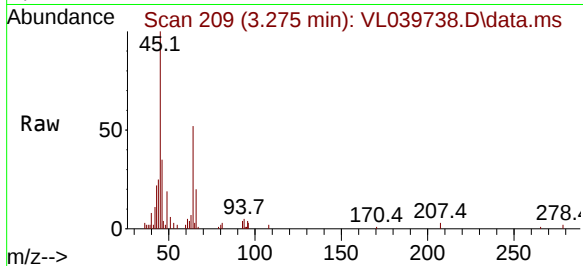
VSTDCCC010EC

Tgt Ion: 45 Resp: 16372
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

Manual Integrations

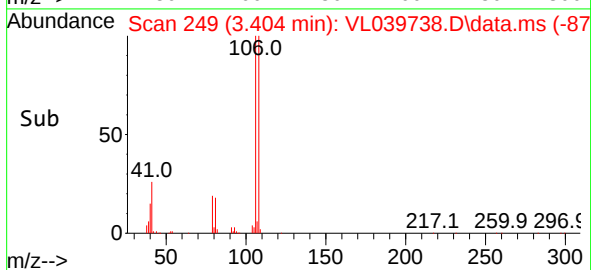
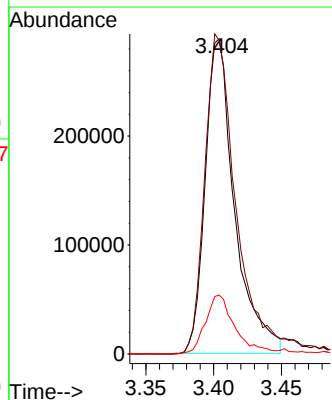
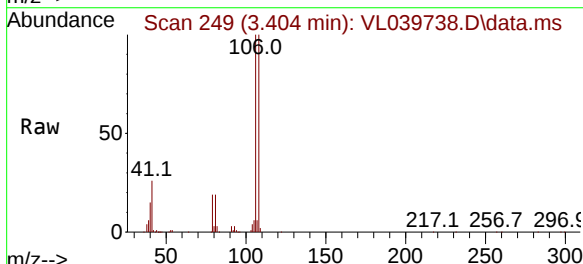
APPROVED

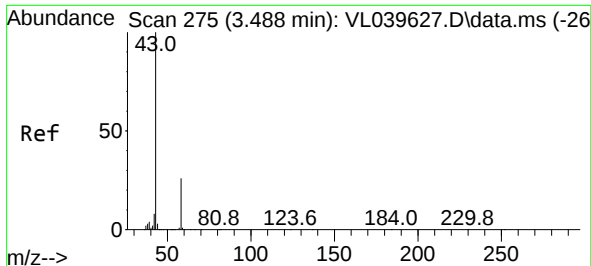
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#14
Bromoethene
Concen: 9.488 ppbv
RT: 3.404 min Scan# 249
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:108 Resp: 436852
Ion Ratio Lower Upper
108 100
106 112.8 87.1 130.7
79 20.3 14.6 22.0





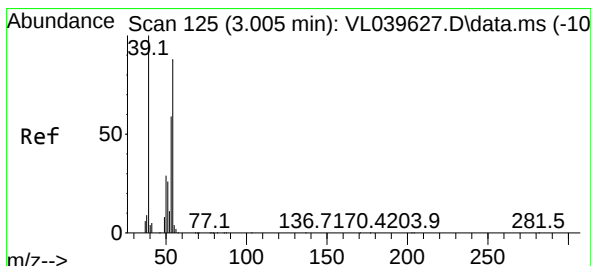
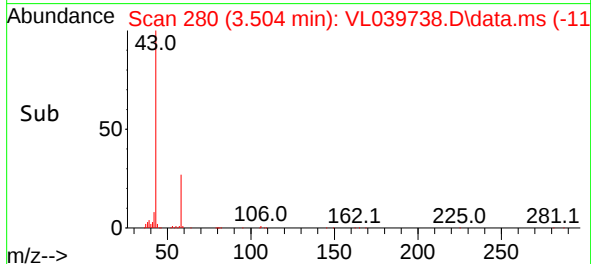
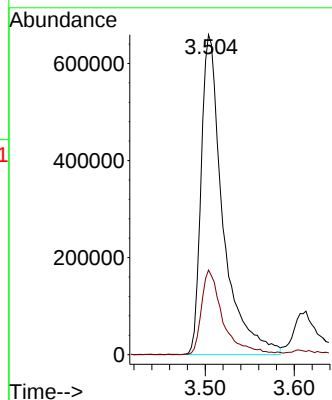
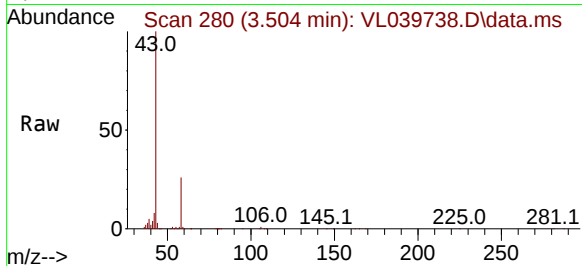
#15
Acetone
Concen: 9.460 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 111961
Ion Ratio Lower Upper
43 100
58 26.2 21.0 31.6

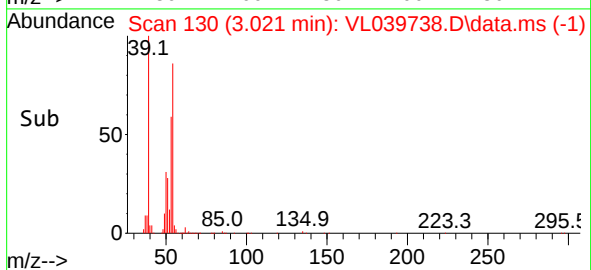
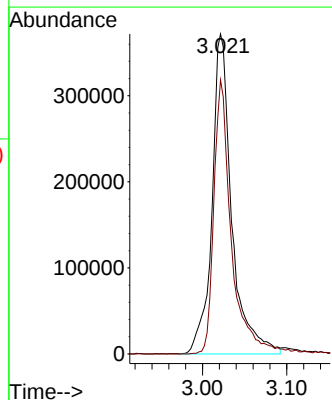
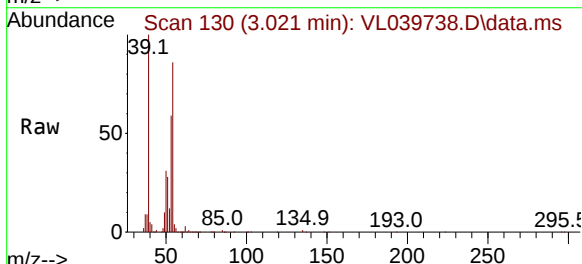
Manual Integrations
APPROVED

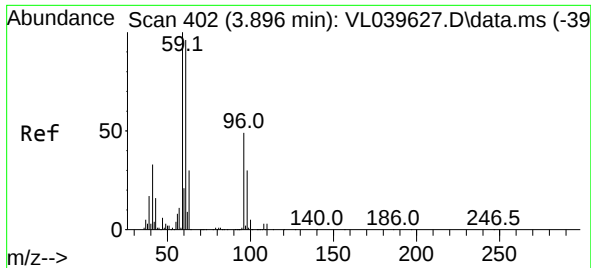
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
1,3-Butadiene
Concen: 10.097 ppbv
RT: 3.021 min Scan# 130
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 39 Resp: 606204
Ion Ratio Lower Upper
39 100
54 77.0 63.7 95.5





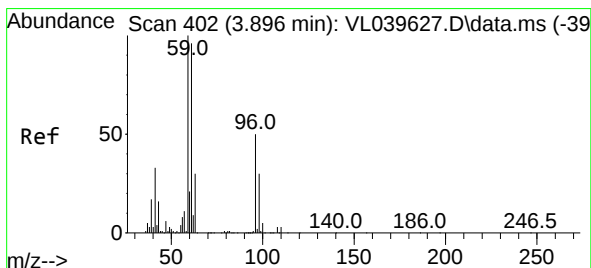
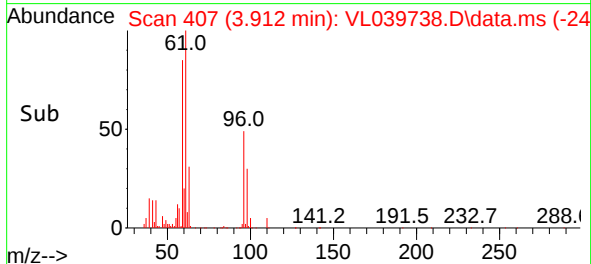
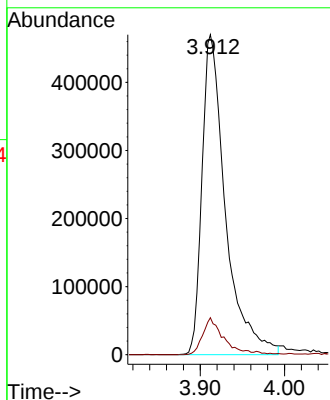
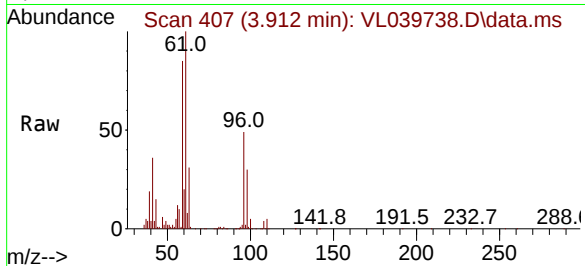
#17
tert-Butyl alcohol
Concen: 8.570 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 910160
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

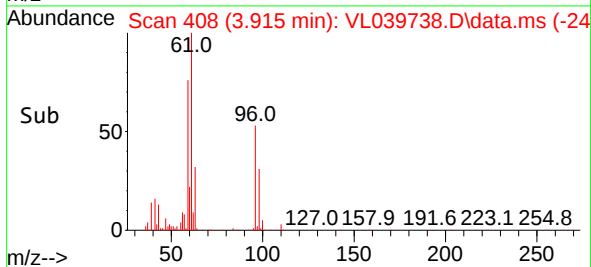
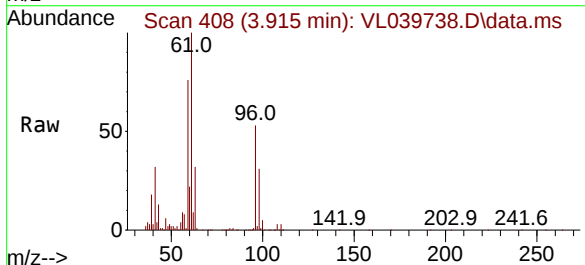
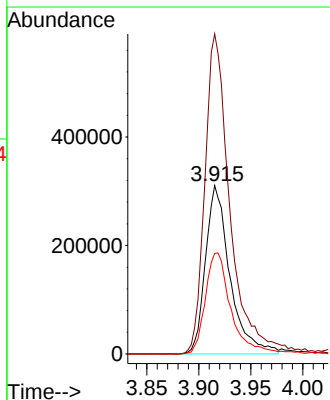
Manual Integrations
APPROVED

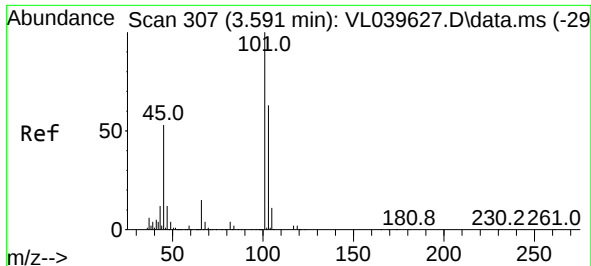
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#18
1,1-Dichloroethene
Concen: 10.017 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

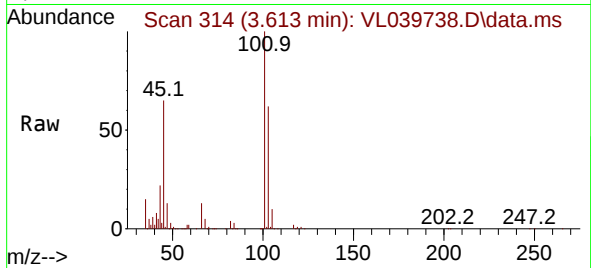
Tgt Ion: 96 Resp: 508319
Ion Ratio Lower Upper
96 100
61 189.8 152.2 228.4
98 59.7 51.8 77.6





#19
Isopropyl Alcohol
Concen: 8.112 ppbv
RT: 3.613 min Scan# 314
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

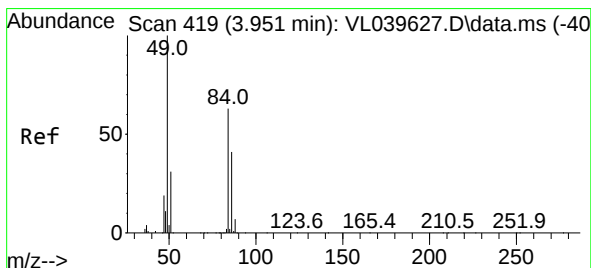
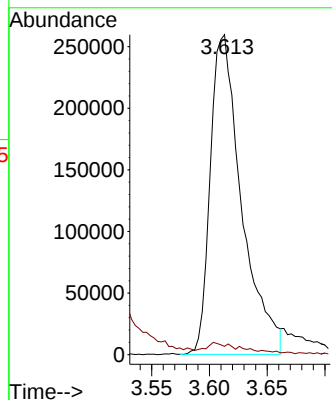
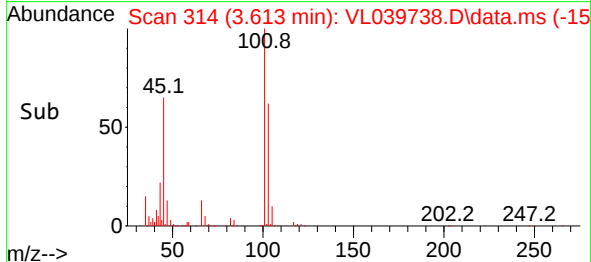
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



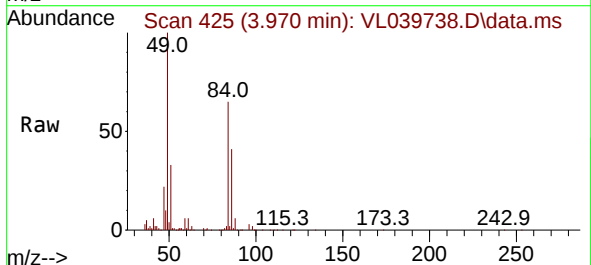
Tgt Ion: 45 Resp: 489349
Ion Ratio Lower Upper
45 100
58 4.5 3.2 4.8

Manual Integrations
APPROVED

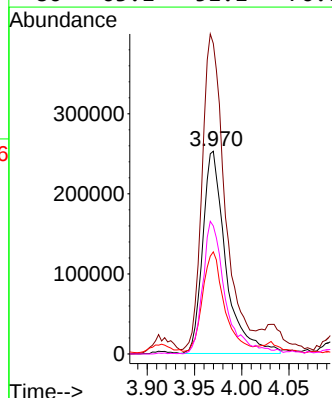
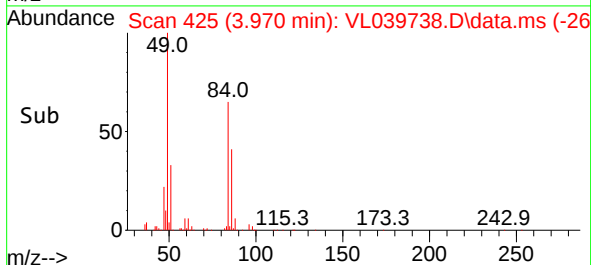
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

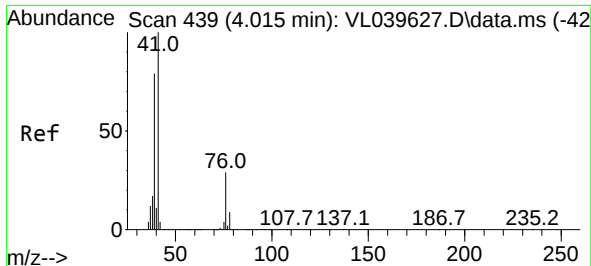


#20
Methylene Chloride
Concen: 7.861 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



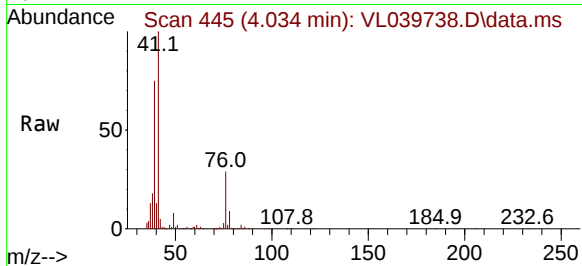
Tgt Ion: 84 Resp: 430150
Ion Ratio Lower Upper
84 100
49 151.4 123.1 184.7
51 48.3 34.4 51.6
86 63.1 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.811 ppbv
 RT: 4.034 min Scan# 445
 Delta R.T. 0.020 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

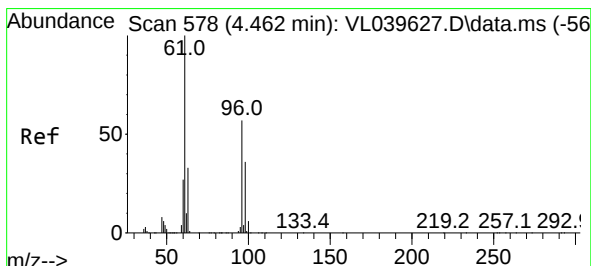
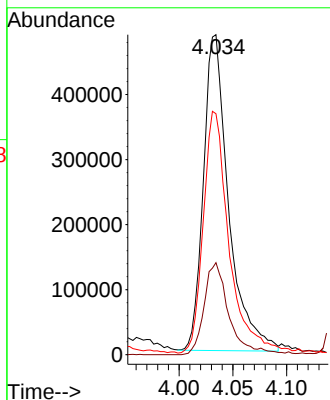
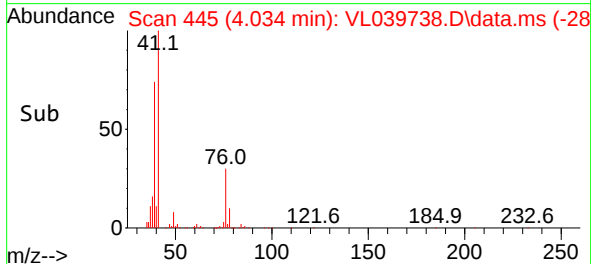
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



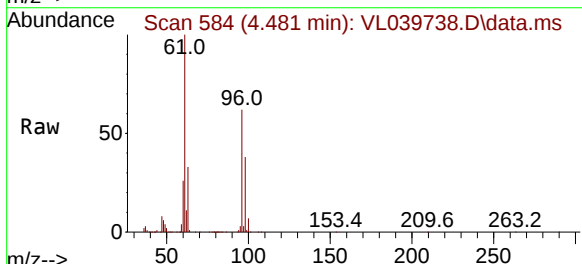
Tgt Ion: 41 Resp: 790632
 Ion Ratio Lower Upper
 41 100
 76 28.9 24.4 36.6
 39 79.1 63.5 95.3

Manual Integrations
 APPROVED

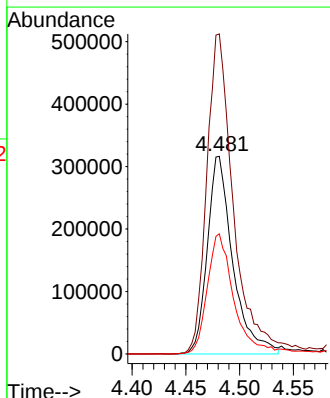
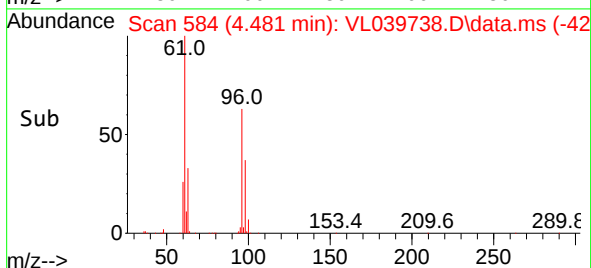
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

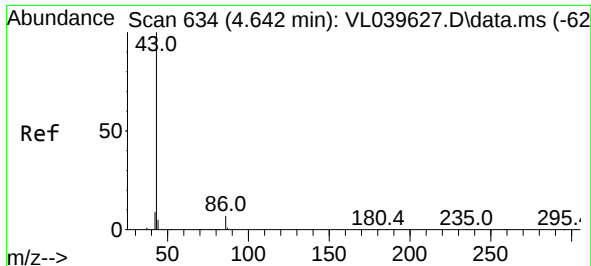


#22
 trans-1,2-Dichloroethene
 Concen: 10.419 ppbv
 RT: 4.481 min Scan# 584
 Delta R.T. 0.023 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53



Tgt Ion: 96 Resp: 523015
 Ion Ratio Lower Upper
 96 100
 61 161.8 130.6 195.8
 98 60.7 53.4 80.0





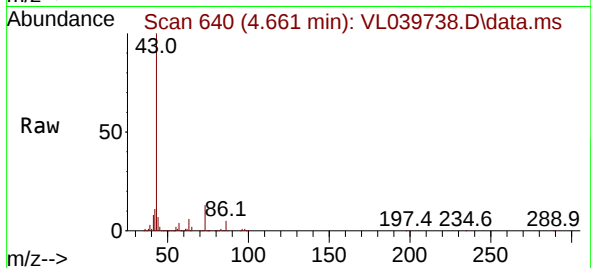
#23
 Vinyl Acetate
 Concen: 9.092 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. 0.023 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

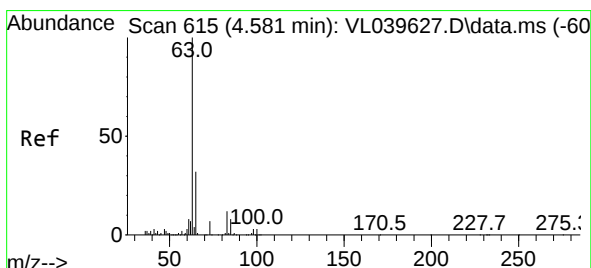
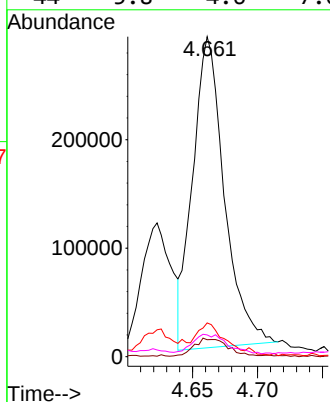
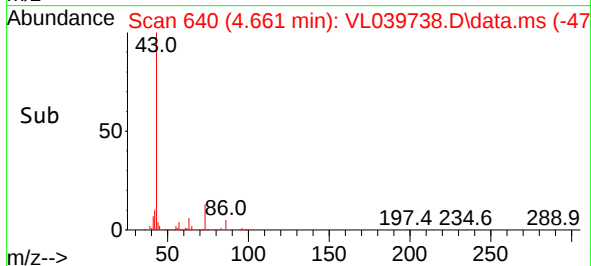


Tgt Ion: 43 Resp: 48644
 Ion Ratio Lower Upper
 43 100
 86 5.2 5.0 7.6
 42 10.8 7.7 11.5
 44 5.8 4.6 7.0

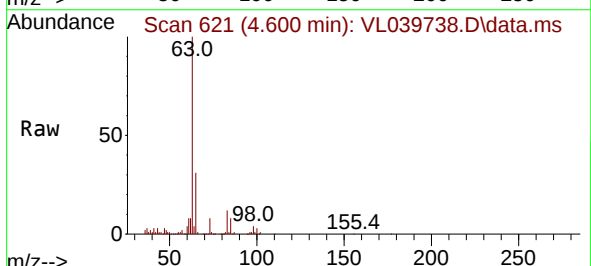
Manual Integrations

APPROVED

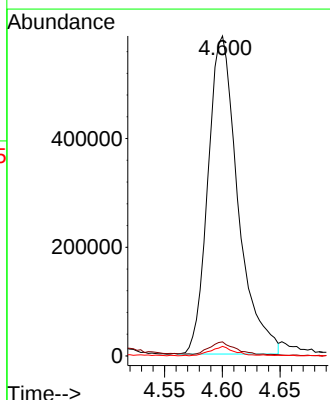
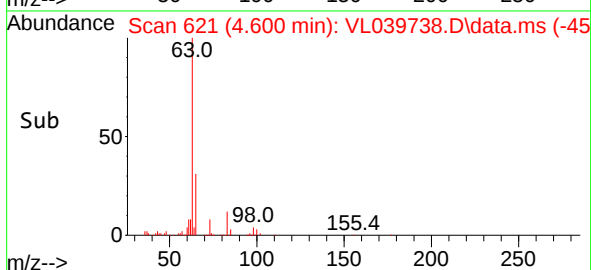
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

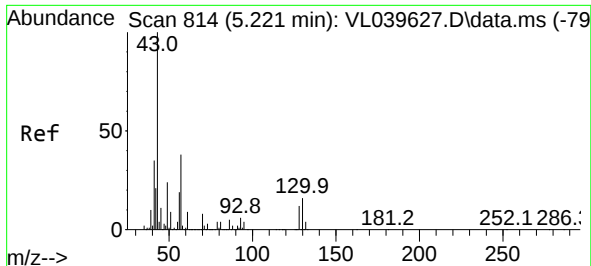


#24
 1,1-Dichloroethane
 Concen: 9.887 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. 0.020 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53



Tgt Ion: 63 Resp: 1053355
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.3
 100 3.0 1.5 4.4





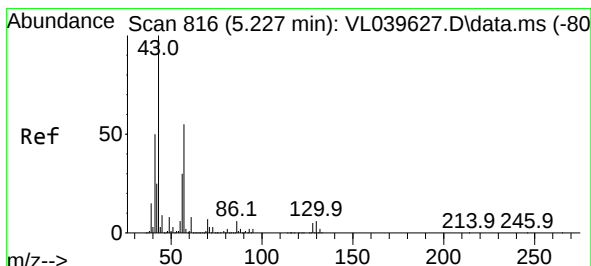
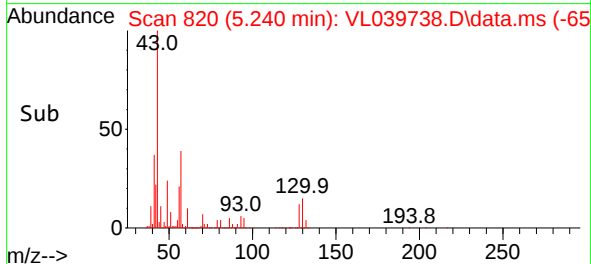
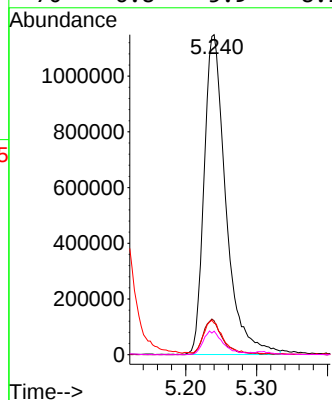
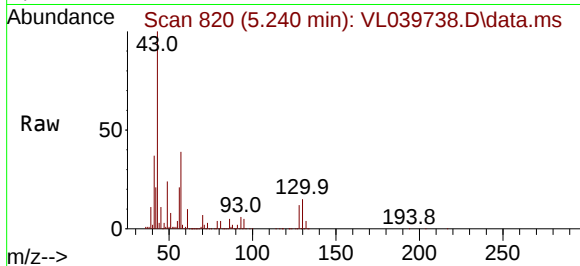
#25
Ethyl Acetate
Concen: 9.482 ppbv
RT: 5.240 min Scan# 814
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 244693
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.4
61 10.3 8.3 12.5
70 6.8 5.9 8.9

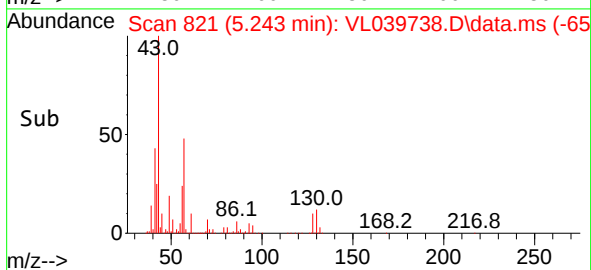
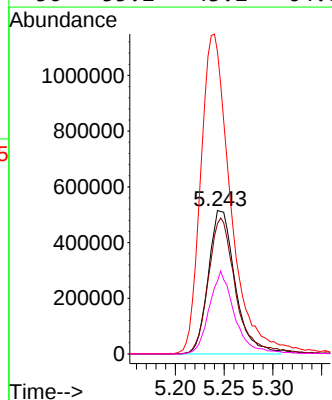
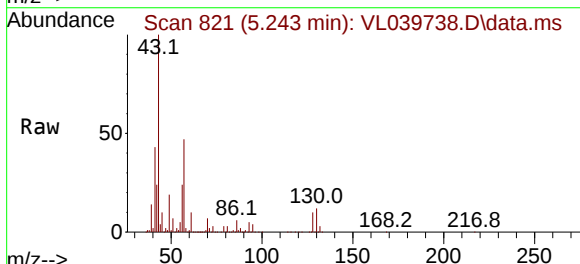
Manual Integrations
APPROVED

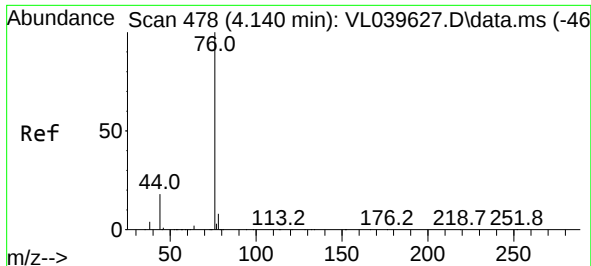
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#26
Hexane
Concen: 9.020 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

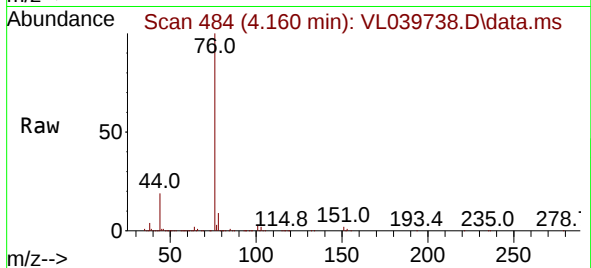
Tgt Ion: 57 Resp: 987831
Ion Ratio Lower Upper
57 100
41 97.2 76.9 115.3
43 249.5 191.0 286.6
56 55.2 43.2 64.8





#27
Carbon Disulfide
Concen: 10.912 ppbv
RT: 4.160 min Scan# 41
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

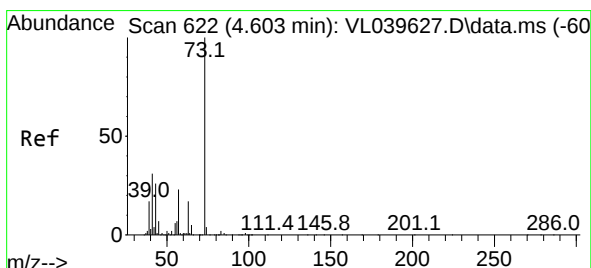
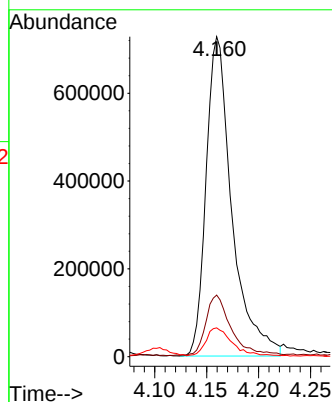
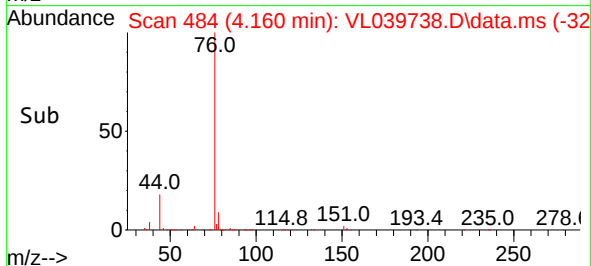
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



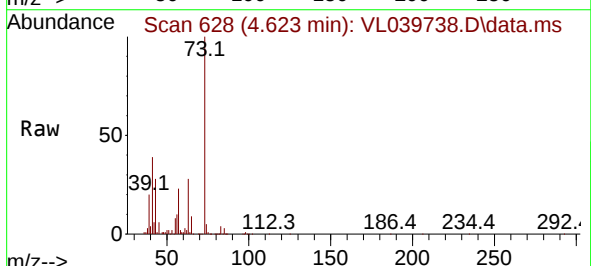
Tgt Ion: 76 Resp: 125585
Ion Ratio Lower Upper
76 100
44 19.0 14.6 21.8
78 10.1 7.8 11.6

Manual Integrations
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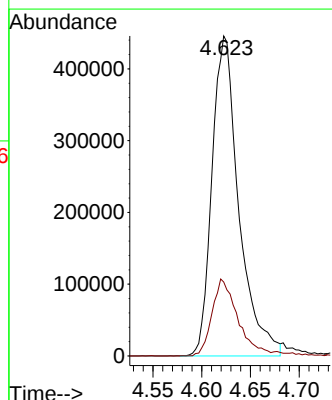
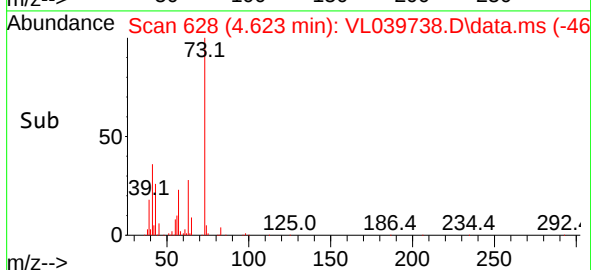
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

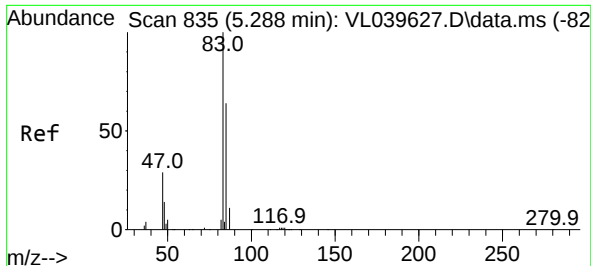


#28
Methyl tert-Butyl Ether
Concen: 9.270 ppbv
RT: 4.623 min Scan# 628
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



Tgt Ion: 73 Resp: 852943
Ion Ratio Lower Upper
73 100
57 24.2 19.8 29.8





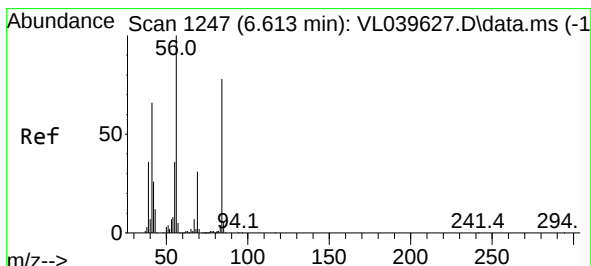
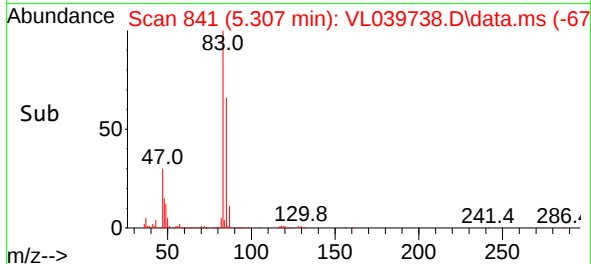
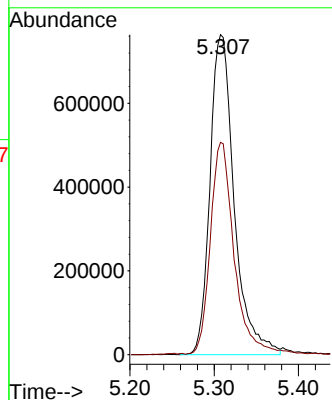
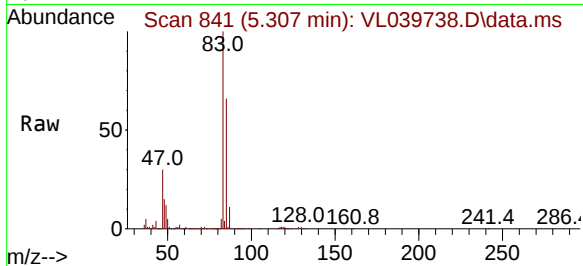
#29
Chloroform
Concen: 9.646 ppbv
RT: 5.307 min Scan# 841
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1524980
Ion Ratio Lower Upper
83 100
85 66.0 52.8 79.2

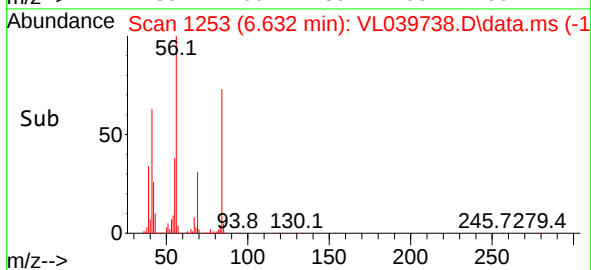
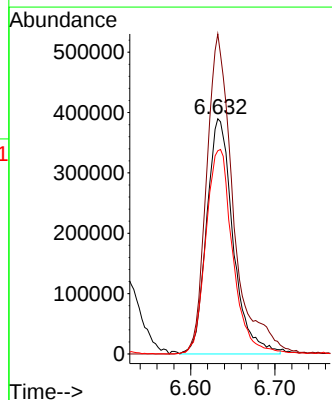
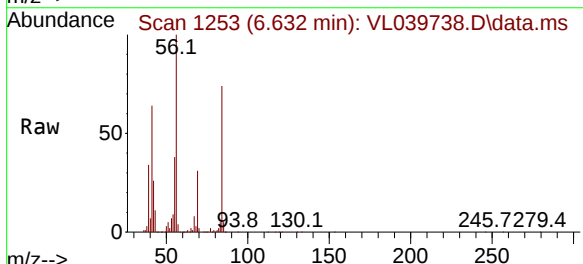
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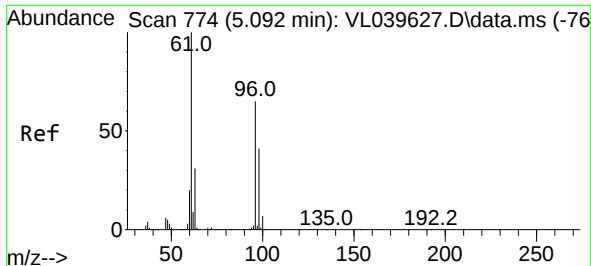
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#30
Cyclohexane
Concen: 10.031 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.026 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 84 Resp: 850730
Ion Ratio Lower Upper
84 100
56 138.6 107.7 161.5
41 88.5 67.7 101.5





#31

cis-1,2-Dichloroethene

Concen: 9.794 ppbv

RT: 5.111 min Scan# 774

Delta R.T. 0.020 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 61 Resp: 970114

Ion Ratio Lower Upper

61 100

96 65.5 54.1 81.1

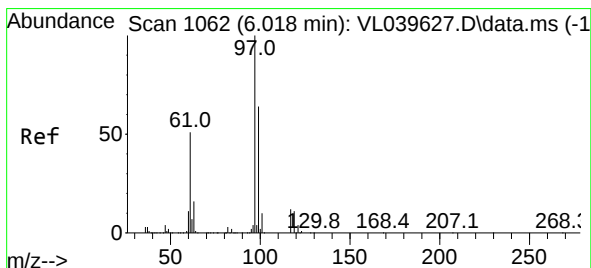
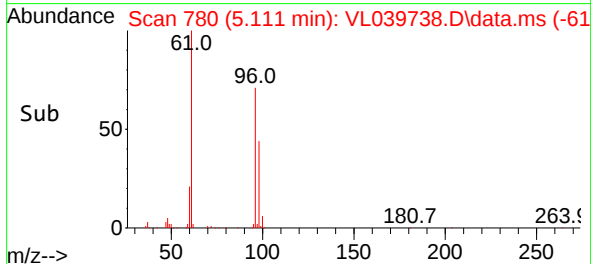
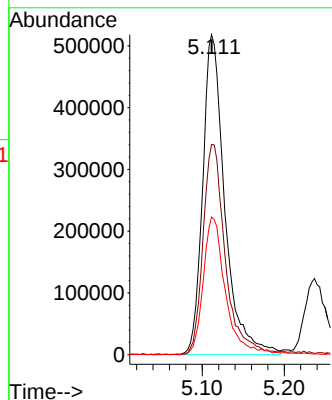
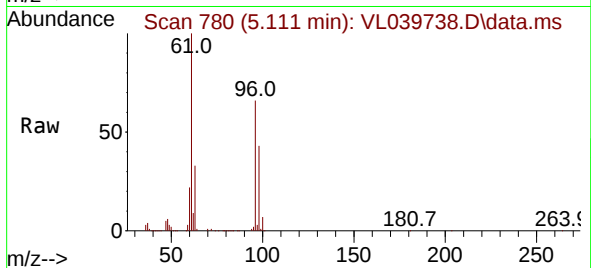
98 43.0 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#32

1,1,1-Trichloroethane

Concen: 10.168 ppbv

RT: 6.034 min Scan# 1067

Delta R.T. 0.020 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

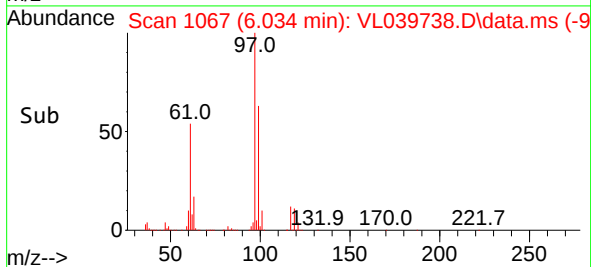
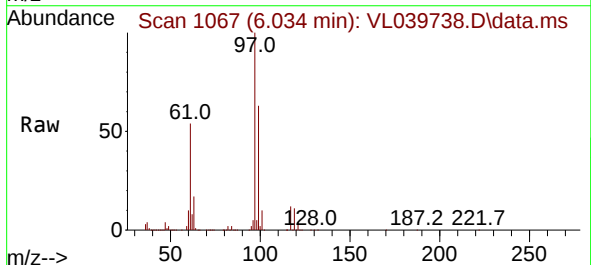
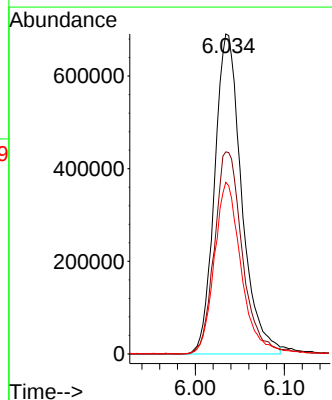
Tgt Ion: 97 Resp: 1455285

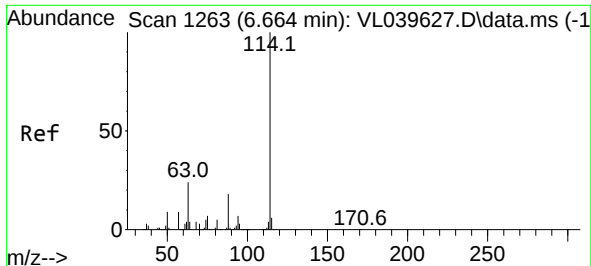
Ion Ratio Lower Upper

97 100

99 66.1 52.3 78.5

61 53.8 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 114

Delta R.T. 0.023 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2806739

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.4

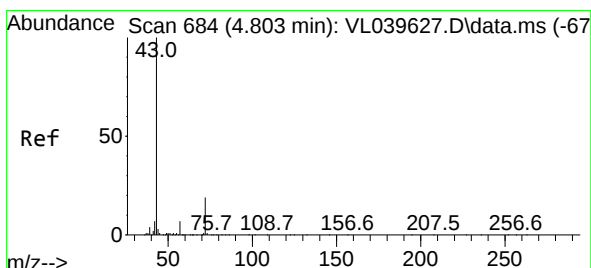
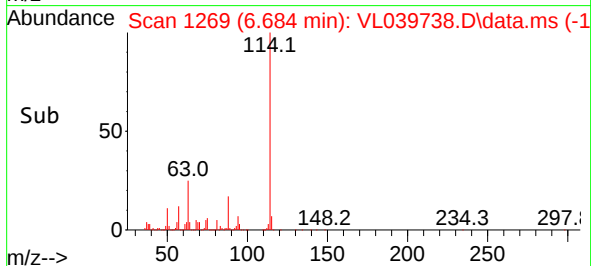
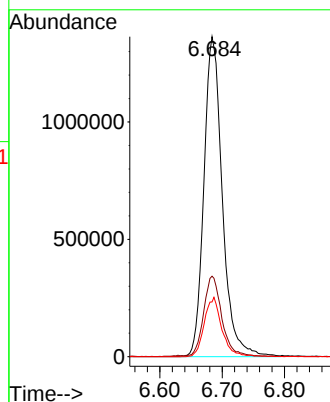
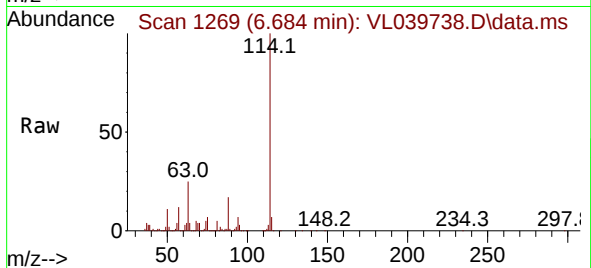
88 17.8 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#34

2-Butanone

Concen: 9.228 ppbv

RT: 4.822 min Scan# 690

Delta R.T. 0.020 min

Lab File: VL039738.D

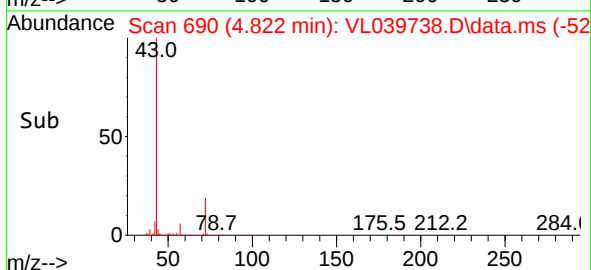
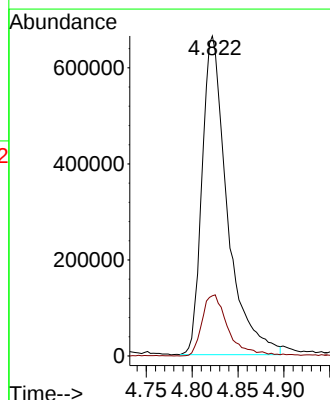
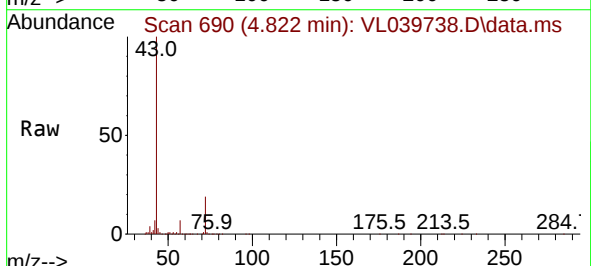
Acq: 18 Oct 2022 10:53

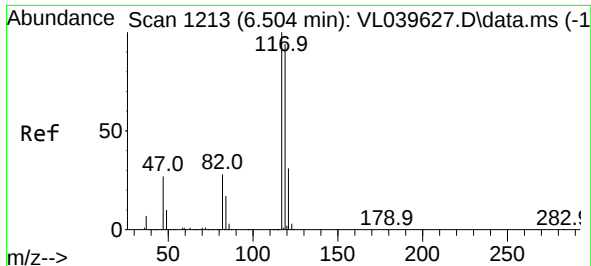
Tgt Ion: 43 Resp: 1272133

Ion Ratio Lower Upper

43 100

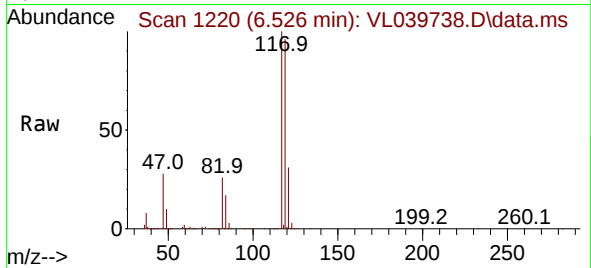
72 20.4 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.466 ppbv
RT: 6.526 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

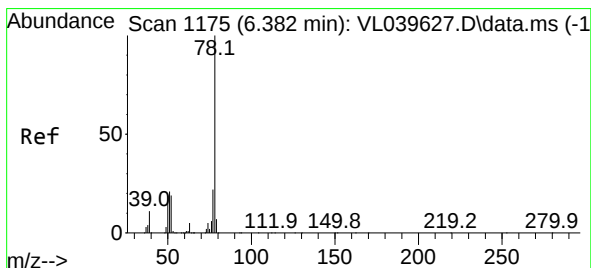
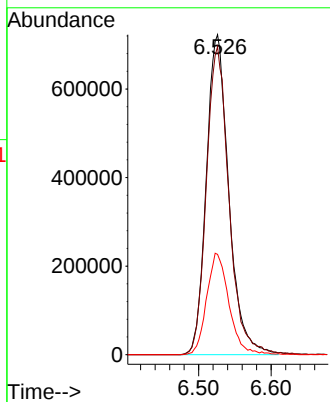
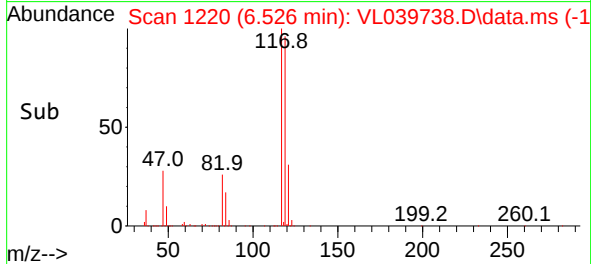
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 155947
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.2
121 31.3 24.2 36.2

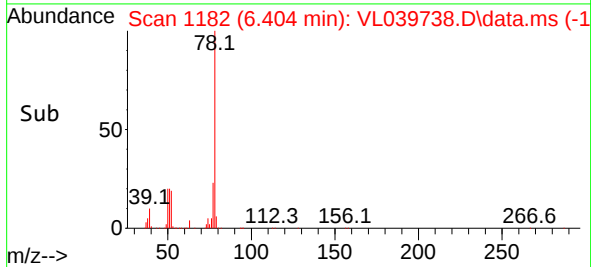
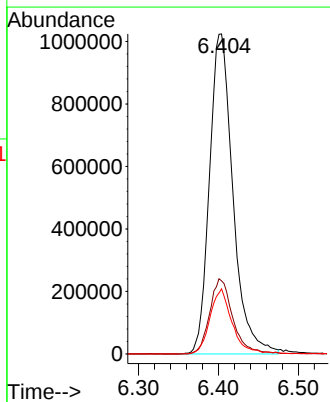
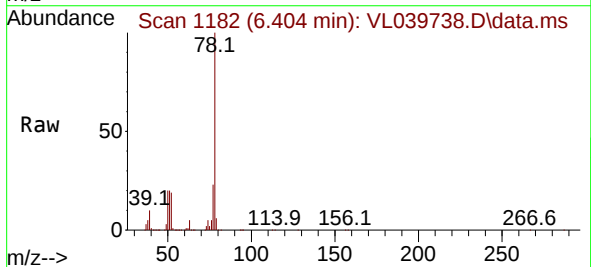
Manual Integrations
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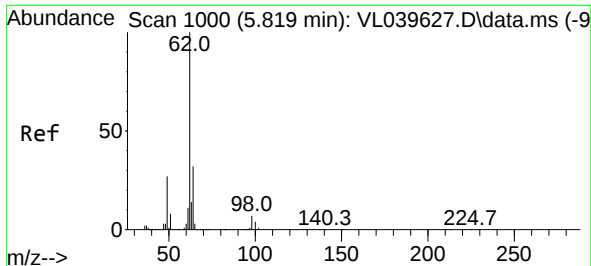
Reviewed By : Semsettin Yesilyurt 10/19/2022
Supervised By : Mahesh Dadoda 10/19/2022



#36
Benzene
Concen: 9.740 ppbv
RT: 6.404 min Scan# 1182
Delta R.T. 0.026 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 78 Resp: 2089983
Ion Ratio Lower Upper
78 100
77 22.8 20.3 30.5
50 20.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.780 ppbv

RT: 5.841 min Scan# 1000

Delta R.T. 0.026 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 114227

Ion Ratio Lower Upper

62 100

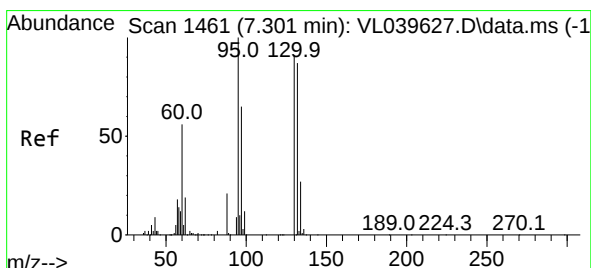
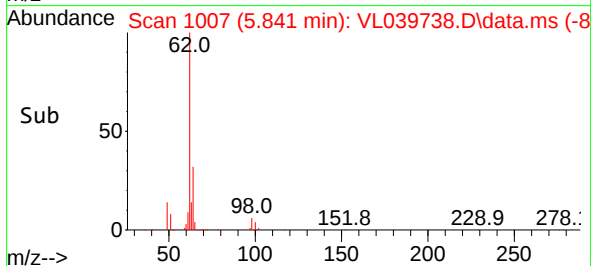
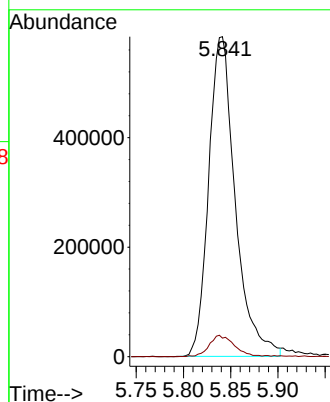
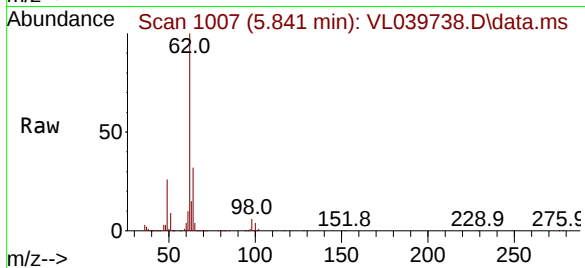
98 6.4 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#38

Trichloroethene

Concen: 10.358 ppbv

RT: 7.323 min Scan# 1468

Delta R.T. 0.023 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Tgt Ion:130 Resp: 1201174

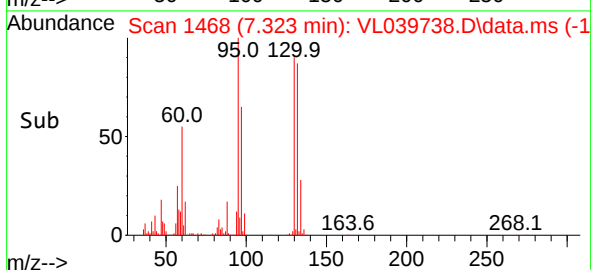
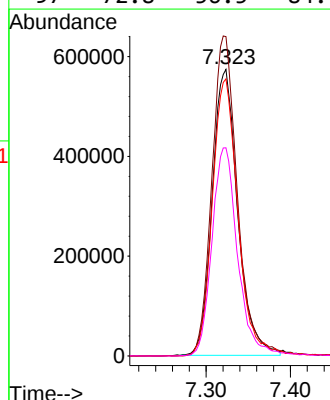
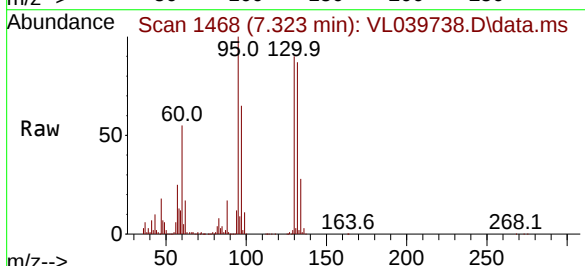
Ion Ratio Lower Upper

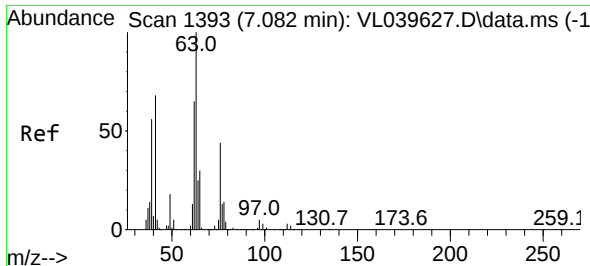
130 100

95 111.6 87.3 130.9

132 96.8 76.7 115.1

97 72.8 56.5 84.7





#39

1,2-Dichloropropane

Concen: 9.583 ppbv

RT: 7.105 min Scan# 1400

Delta R.T. 0.023 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

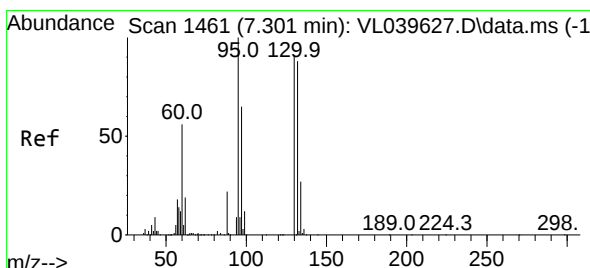
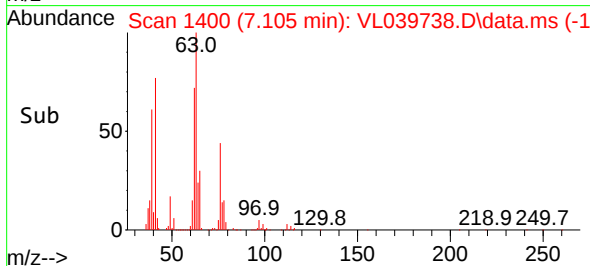
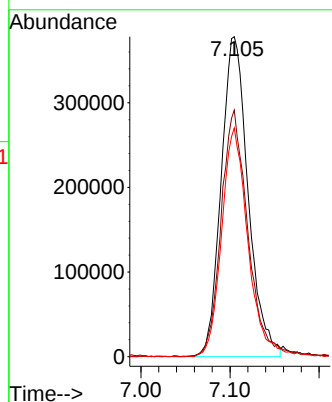
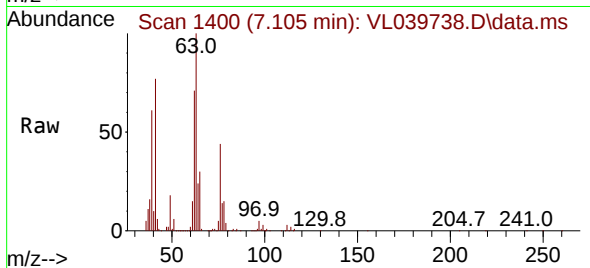
Tgt Ion: 63 Resp: 794088

Ion	Ratio	Lower	Upper
63	100		
41	77.0	59.6	89.4
62	71.5	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#40

1,4-Dioxane

Concen: 8.105 ppbv

RT: 7.314 min Scan# 1465

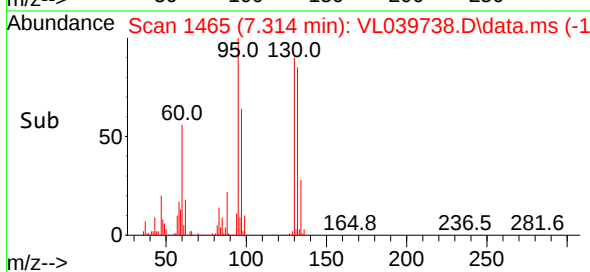
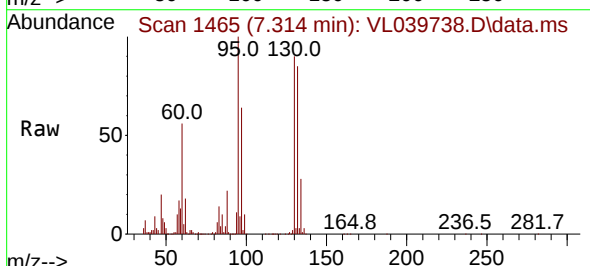
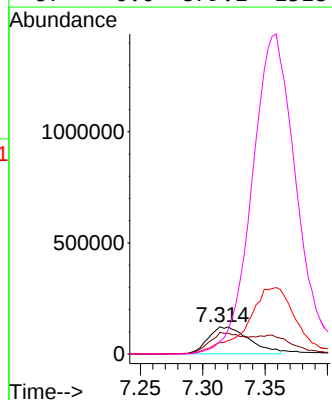
Delta R.T. 0.020 min

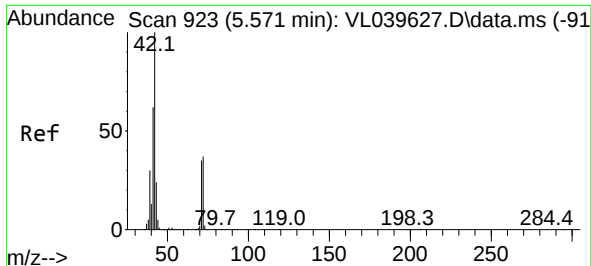
Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Tgt Ion: 88 Resp: 274239

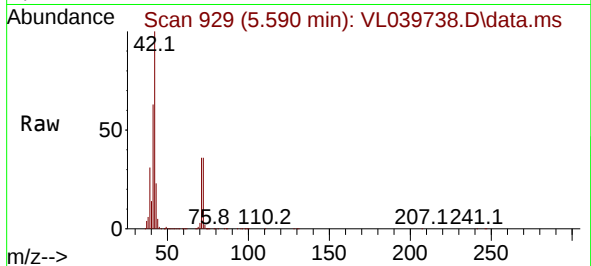
Ion	Ratio	Lower	Upper
88	100		
58	138.8	100.2	150.4
43	0.0	205.8	308.6#
57	0.0	879.1	1318.7#





#41
Tetrahydrofuran
Concen: 10.172 ppbv
RT: 5.590 min Scan# 91
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

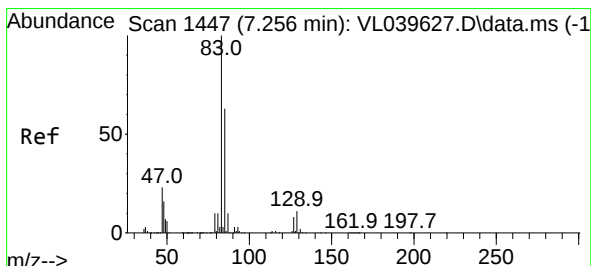
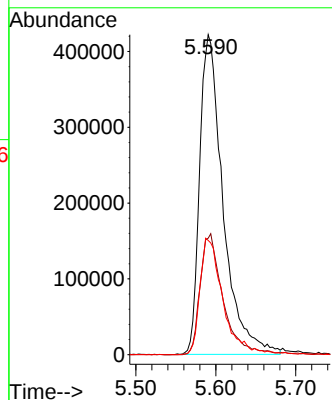
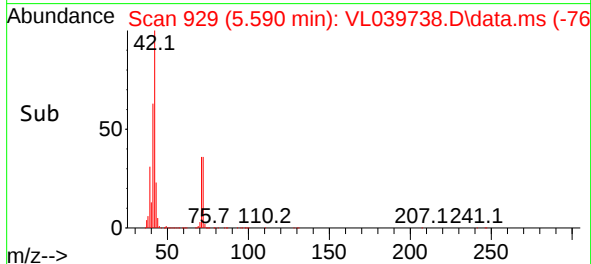
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 860338
Ion Ratio Lower Upper
42 100
72 37.4 31.8 47.8
71 36.2 31.8 47.8

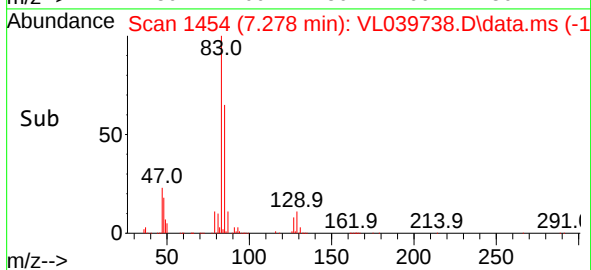
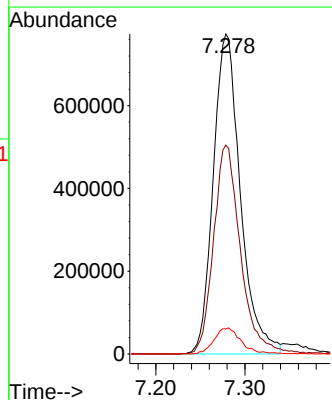
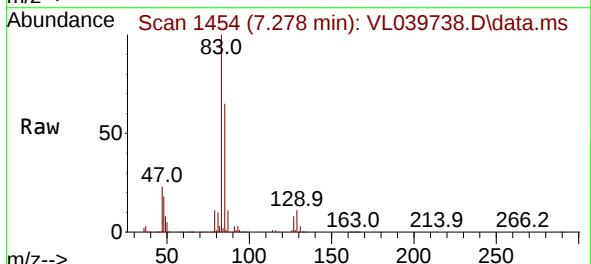
Manual Integrations
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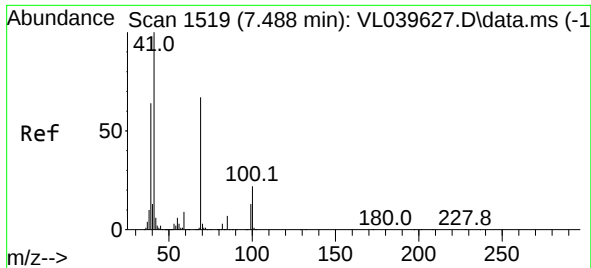
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#42
Bromodichloromethane
Concen: 10.075 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 83 Resp: 1636616
Ion Ratio Lower Upper
83 100
85 65.3 50.7 76.1
127 7.8 6.6 9.8





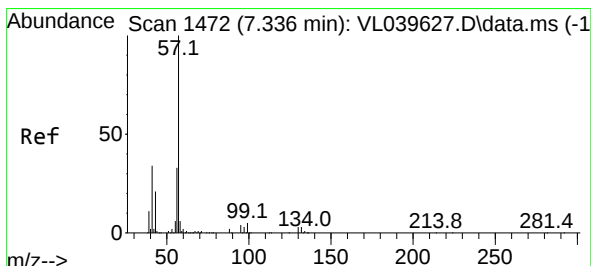
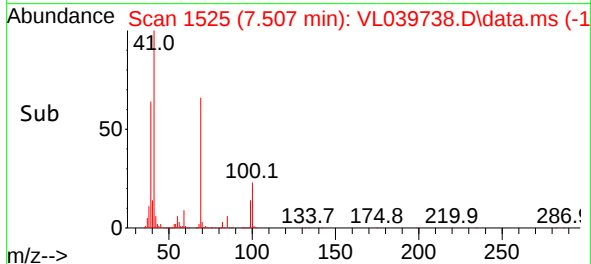
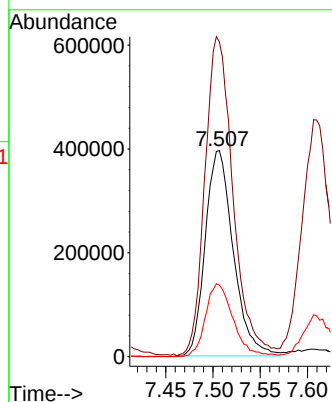
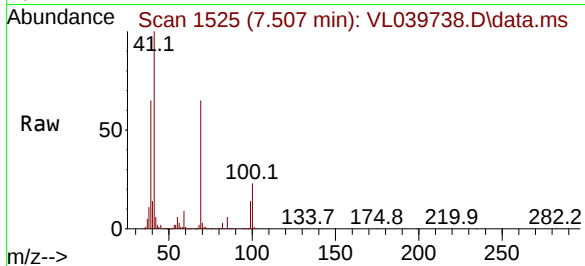
#43
Methyl Methacrylate
Concen: 10.427 ppbv
RT: 7.507 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 815610
Ion Ratio Lower Upper
69 100
41 156.7 120.8 181.2
100 35.0 27.8 41.6

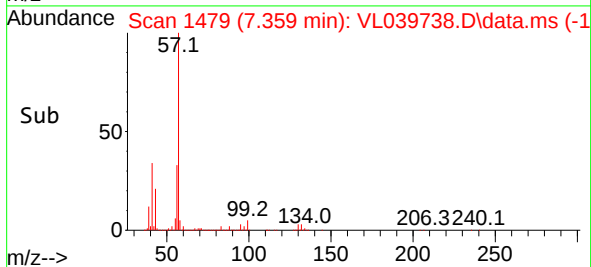
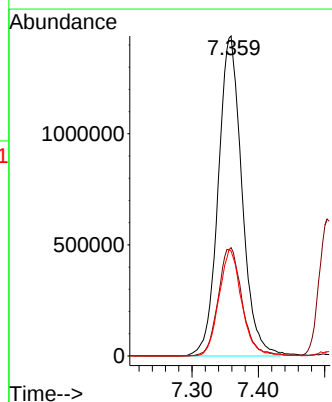
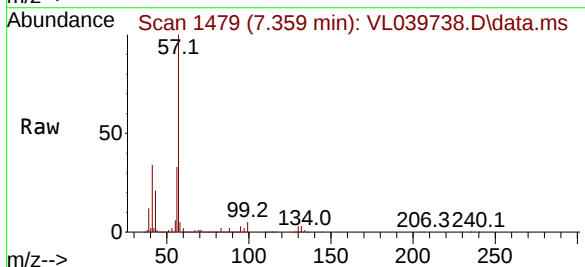
Manual Integrations
APPROVED

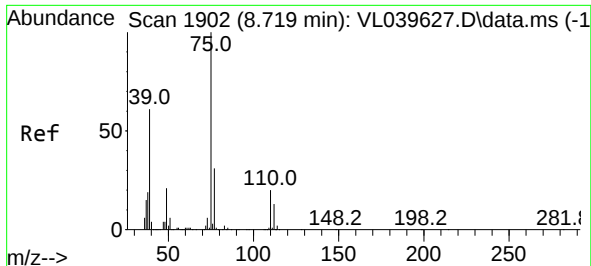
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#44
2,2,4-Trimethylpentane
Concen: 9.642 ppbv
RT: 7.359 min Scan# 1479
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

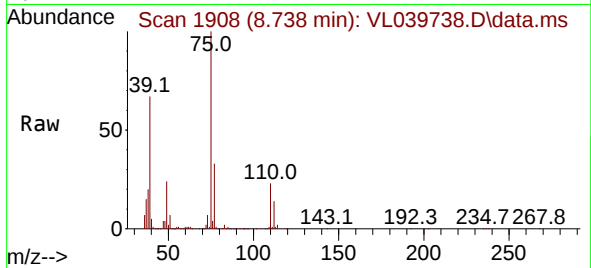
Tgt Ion: 57 Resp: 3566200
Ion Ratio Lower Upper
57 100
41 34.1 27.4 41.2
56 32.0 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.382 ppbv
RT: 8.738 min Scan# 1902
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

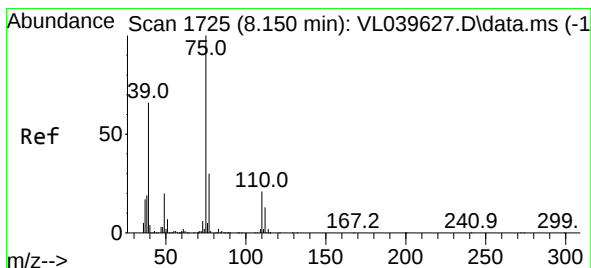
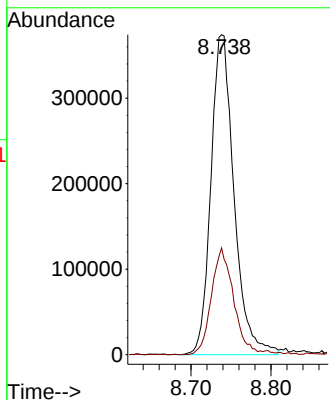
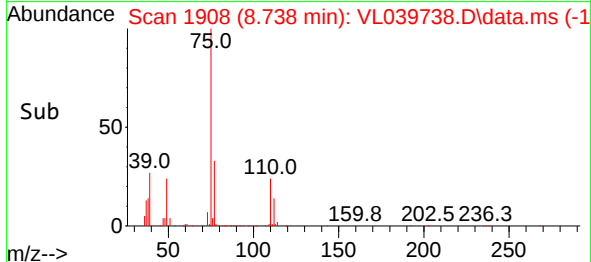
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 752344
Ion Ratio Lower Upper
75 100
77 33.4 24.6 36.8

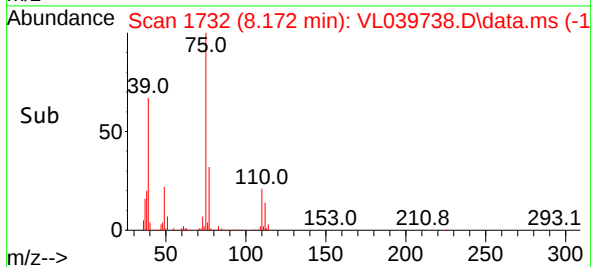
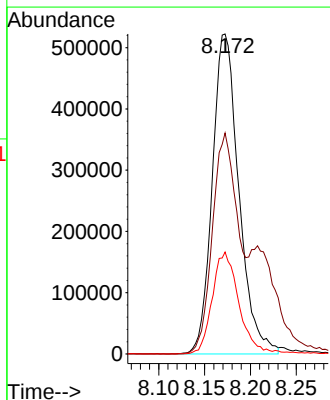
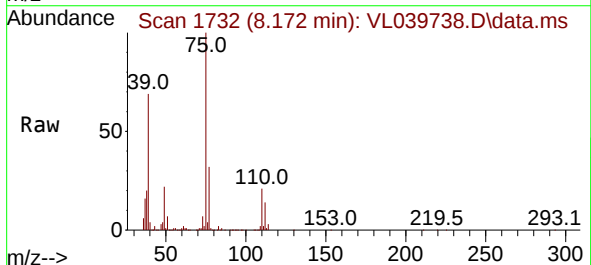
Manual Integrations
APPROVED

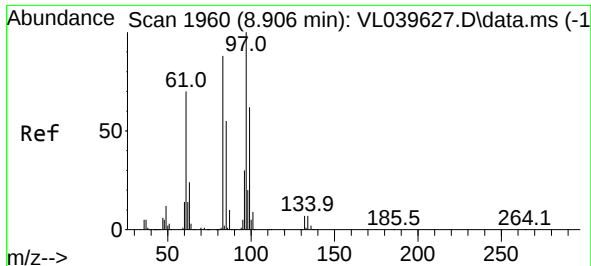
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#46
cis-1,3-Dichloropropene
Concen: 11.183 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 75 Resp: 1052306
Ion Ratio Lower Upper
75 100
39 68.9 55.0 82.4
77 31.9 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 9.424 ppbv

RT: 8.925 min Scan# 1966

Delta R.T. 0.020 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 85358

Ion Ratio Lower Upper

97 100

83 85.5 67.4 101.0

85 58.3 45.1 67.7

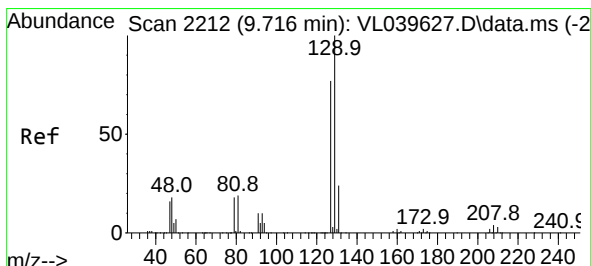
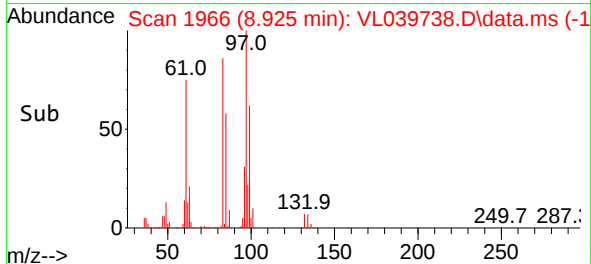
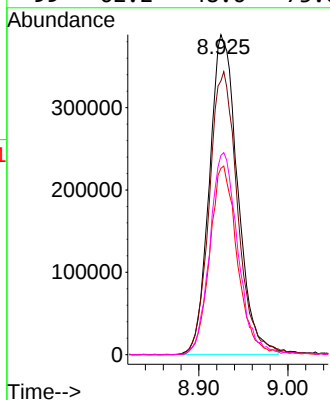
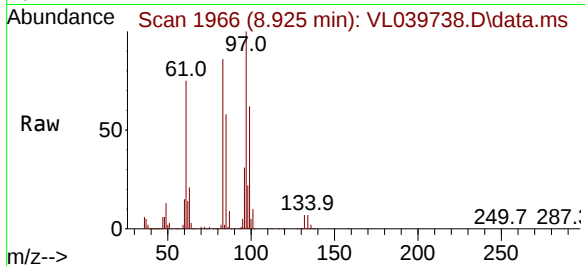
99 62.2 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#48

Dibromochloromethane

Concen: 10.368 ppbv

RT: 9.735 min Scan# 2218

Delta R.T. 0.023 min

Lab File: VL039738.D

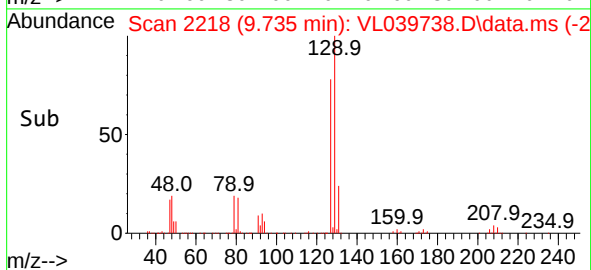
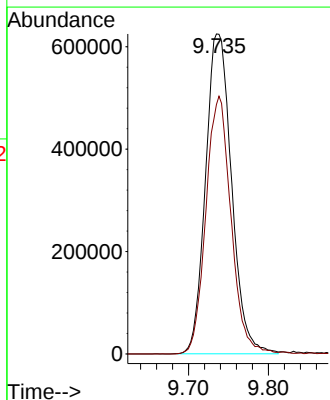
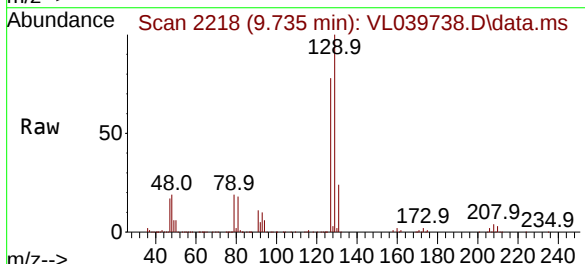
Acq: 18 Oct 2022 10:53

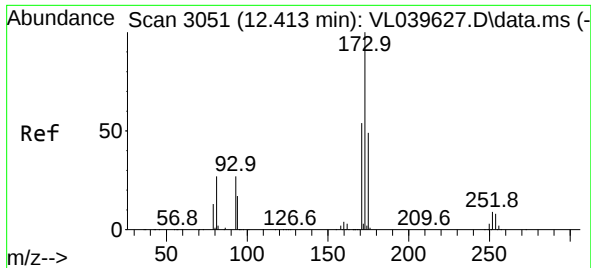
Tgt Ion:129 Resp: 1413998

Ion Ratio Lower Upper

129 100

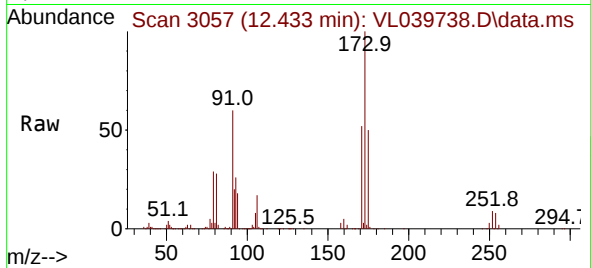
127 78.1 39.3 117.9





#49
Bromoform
Concen: 10.250 ppbv
RT: 12.433 min Scan# 3051
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

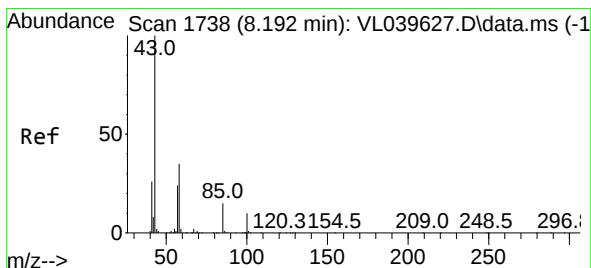
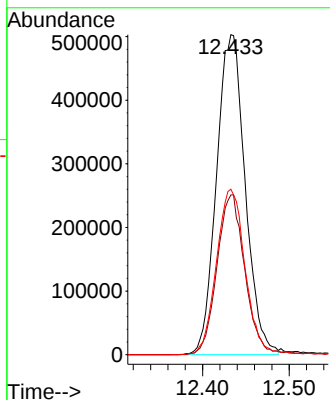
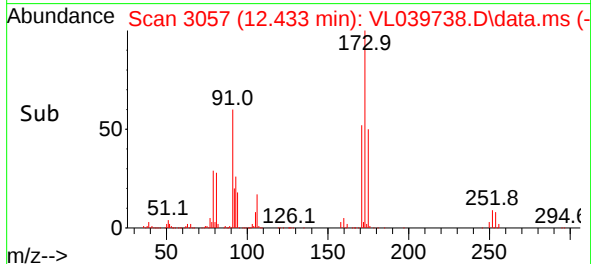
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



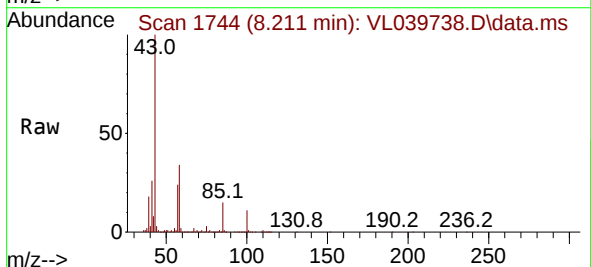
Tgt Ion:173 Resp: 1156218
Ion Ratio Lower Upper
173 100
175 49.2 40.3 60.5
171 52.3 42.9 64.3

Manual Integrations
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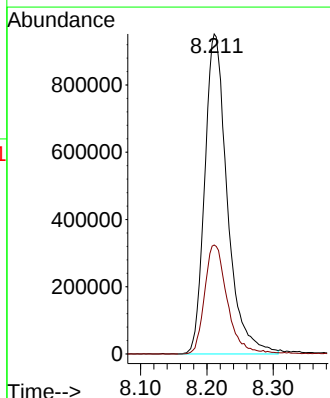
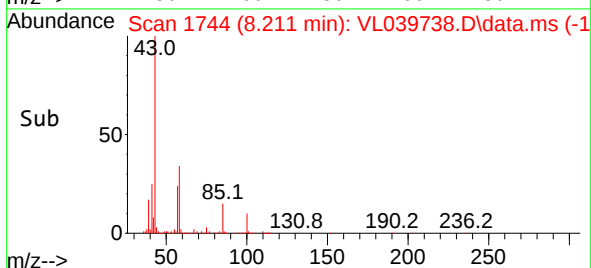
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

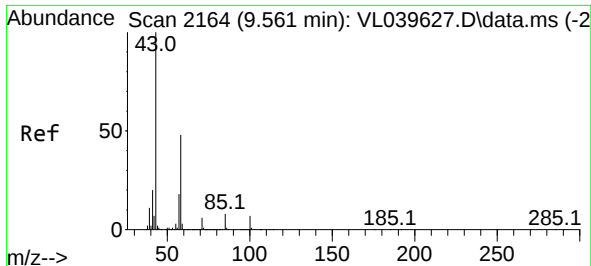


#50
4-Methyl-2-Pentanone
Concen: 10.371 ppbv
RT: 8.211 min Scan# 1744
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



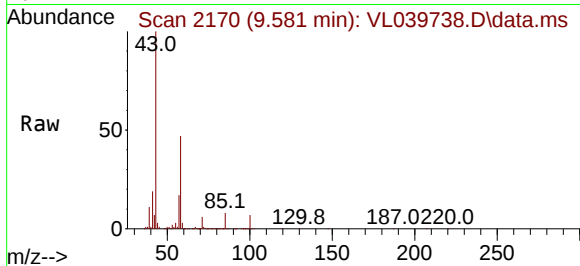
Tgt Ion: 43 Resp: 2246650
Ion Ratio Lower Upper
43 100
58 34.7 28.8 43.2





#51
2-Hexanone
Concen: 10.863 ppbv
RT: 9.581 min Scan# 2164
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

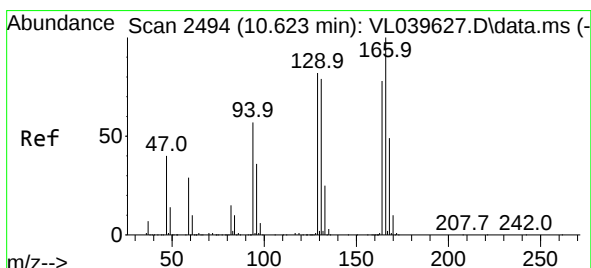
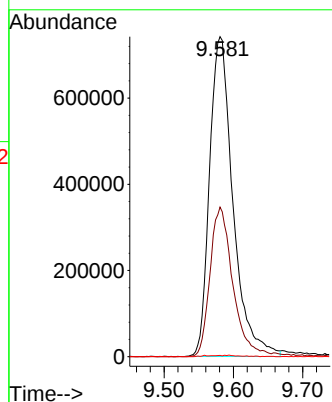
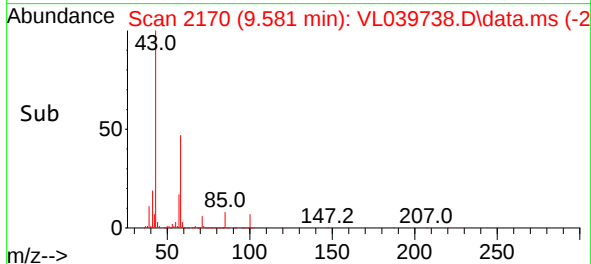
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1741938
Ion Ratio Lower Upper
43 100
58 46.9 38.4 57.6
98 0.6 0.3 0.5

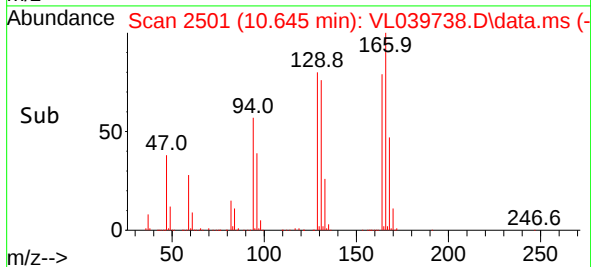
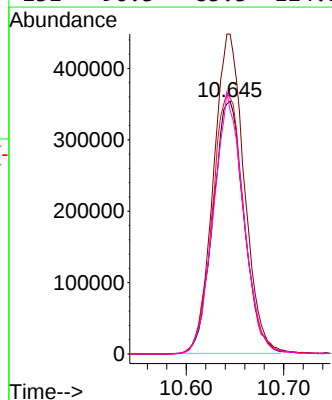
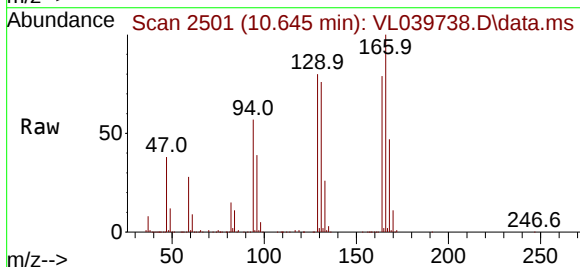
Manual Integrations
APPROVED

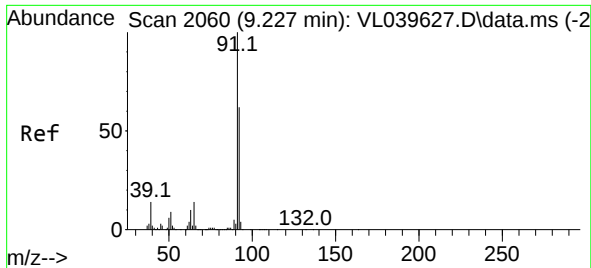
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#52
Tetrachloroethene
Concen: 9.519 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion:164 Resp: 779321
Ion Ratio Lower Upper
164 100
166 126.8 102.2 153.2
129 101.2 85.8 128.8
131 96.3 83.3 124.9





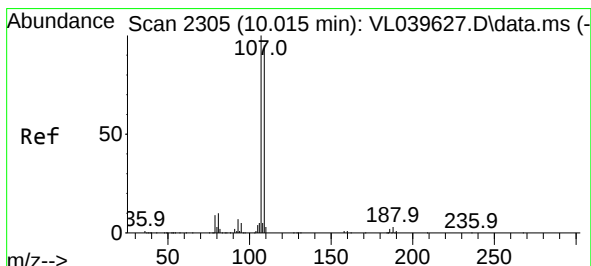
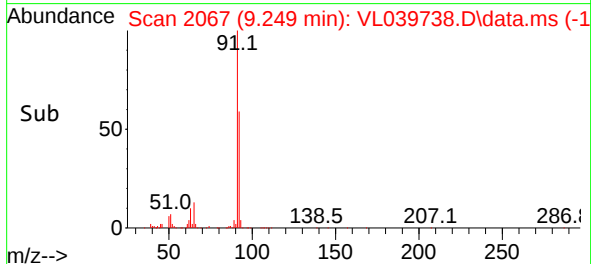
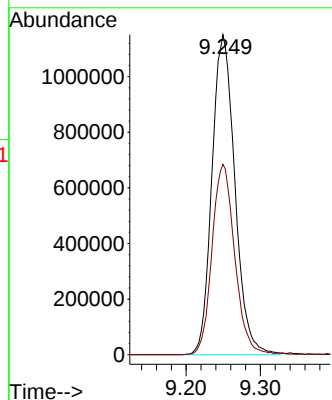
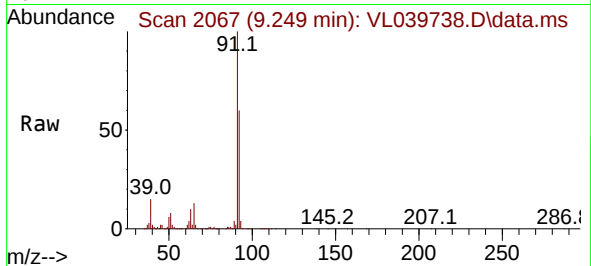
#53
Toluene
Concen: 10.337 ppbv
RT: 9.249 min Scan# 2060
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 246704
Ion Ratio Lower Upper
91 100
92 59.1 48.2 72.2

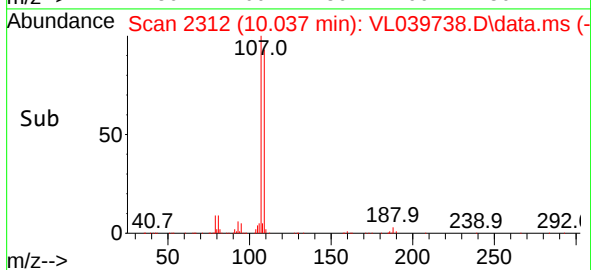
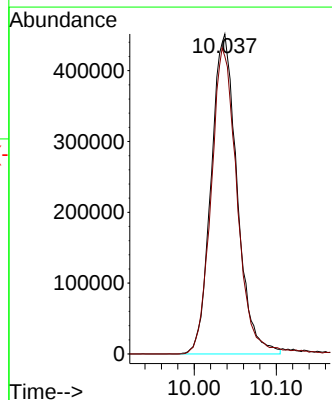
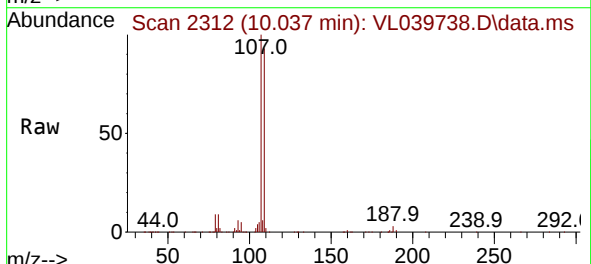
Manual Integrations
APPROVED

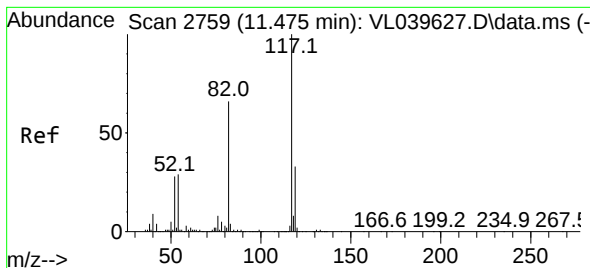
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#54
1,2-Dibromoethane
Concen: 10.251 ppbv
RT: 10.037 min Scan# 2312
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

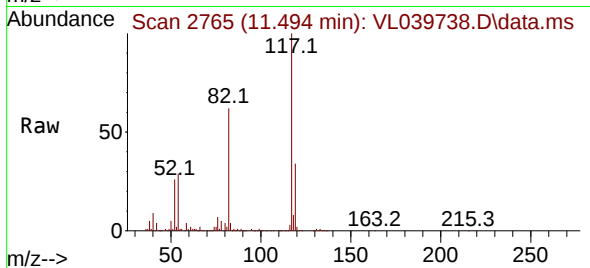
Tgt Ion:107 Resp: 993207
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 2759
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

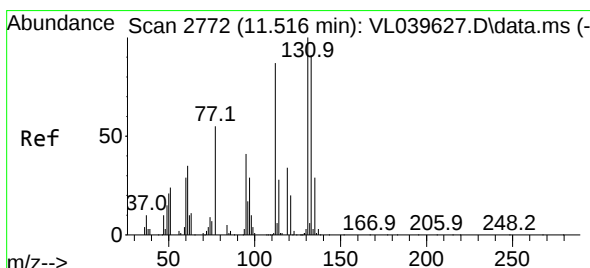
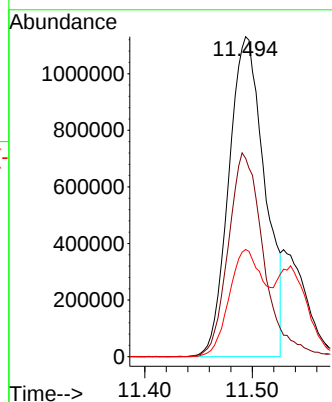
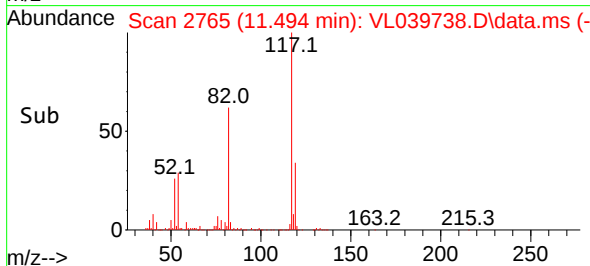
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



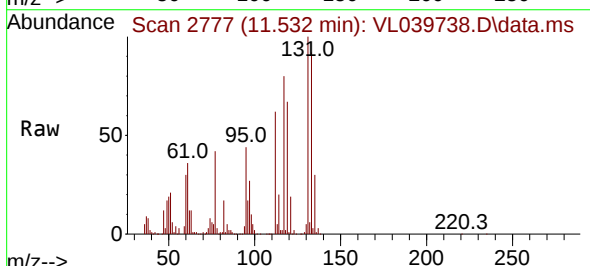
Tgt Ion:117 Resp: 263156
Ion Ratio Lower Upper
117 100
82 63.3 50.8 76.2
119 33.7 24.1 36.1

Manual Integrations
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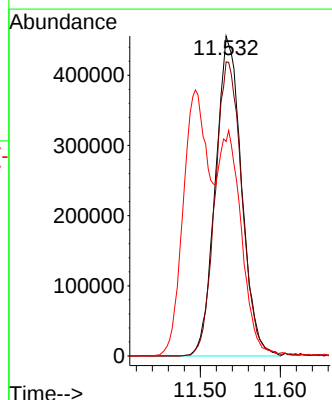
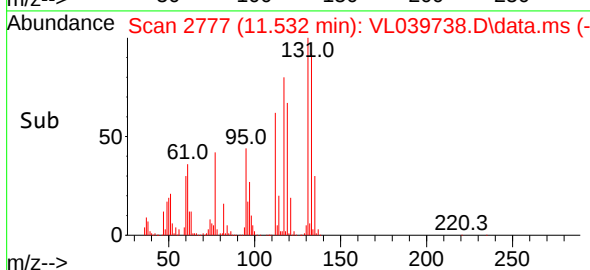
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

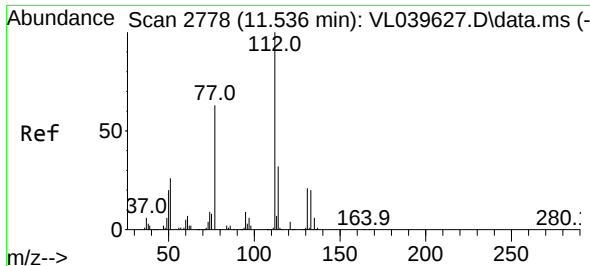


#56
1,1,1,2-Tetrachloroethane
Concen: 9.710 ppbv
RT: 11.532 min Scan# 2777
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



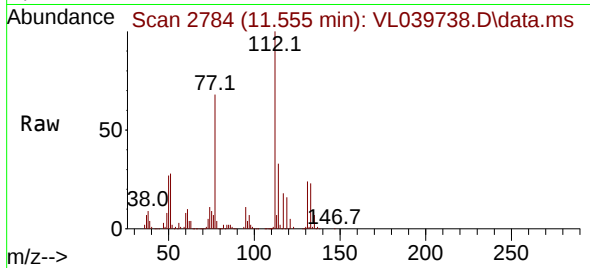
Tgt Ion:131 Resp: 1032642
Ion Ratio Lower Upper
131 100
133 95.1 76.8 115.2
119 64.8 46.2 69.4





#57
Chlorobenzene
Concen: 9.549 ppbv
RT: 11.555 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

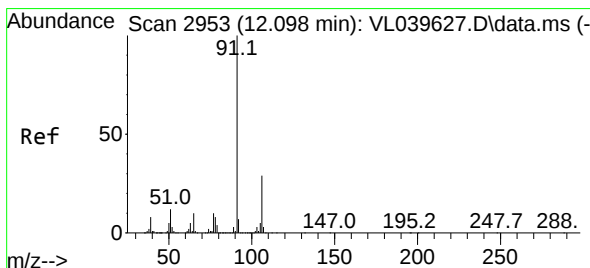
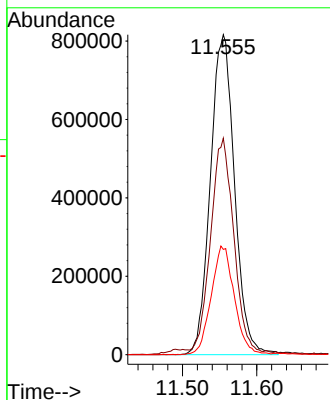
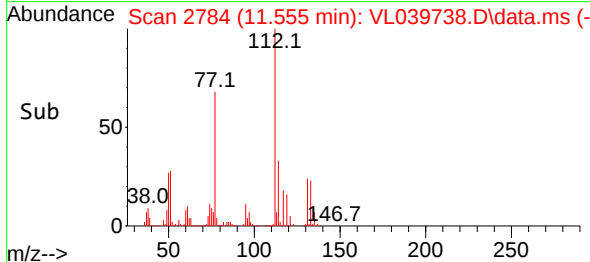
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1847762
Ion Ratio Lower Upper
112 100
77 67.1 51.0 76.4
114 32.8 27.5 33.6

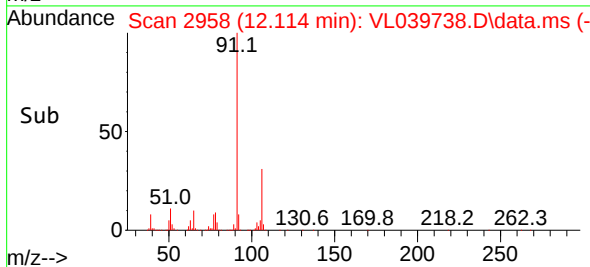
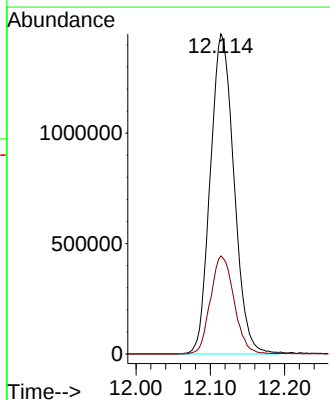
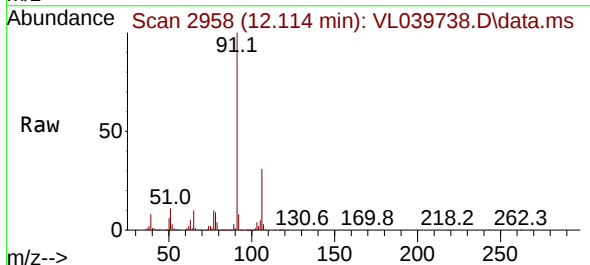
Manual Integrations
APPROVED

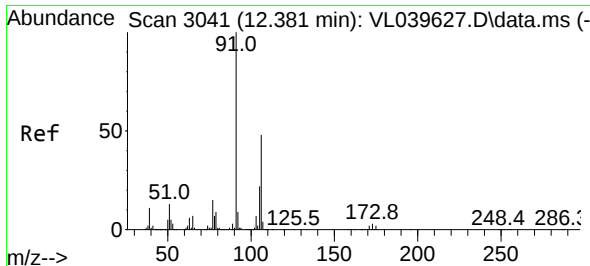
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#58
Ethyl Benzene
Concen: 10.588 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 91 Resp: 3212625
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0





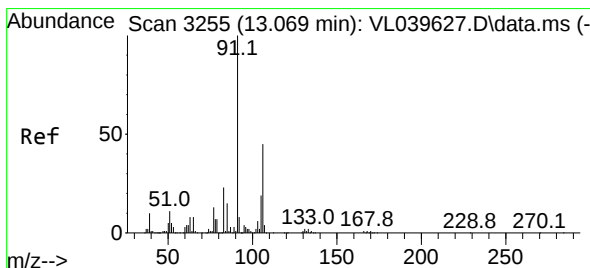
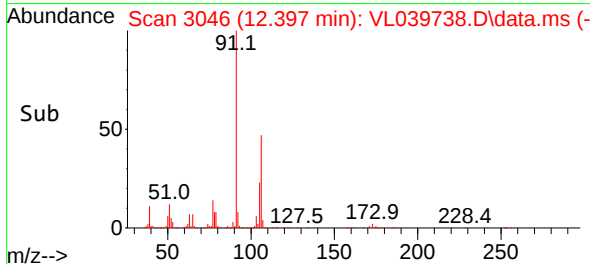
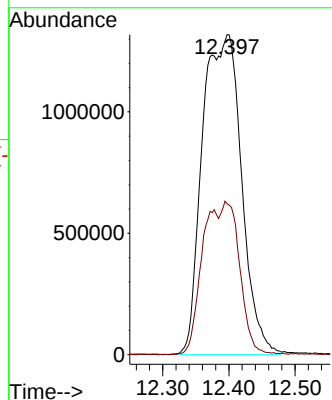
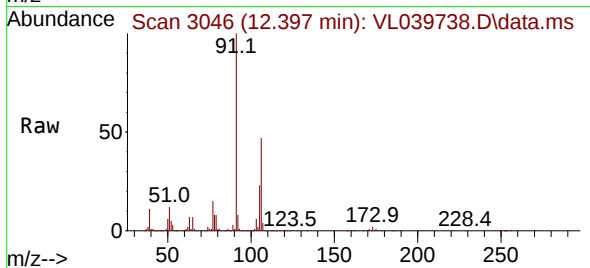
#59
m/p-Xylene
Concen: 19.997 ppbv m
RT: 12.397 min Scan# 3041
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5399604
Ion Ratio Lower Upper
91 100
106 45.2 35.4 53.2

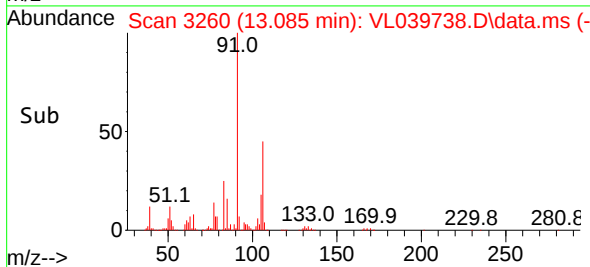
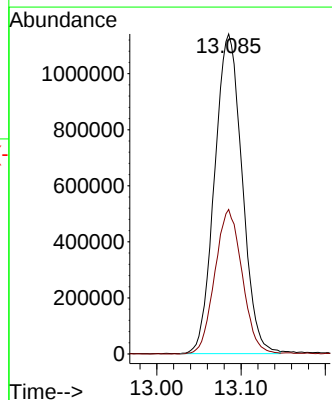
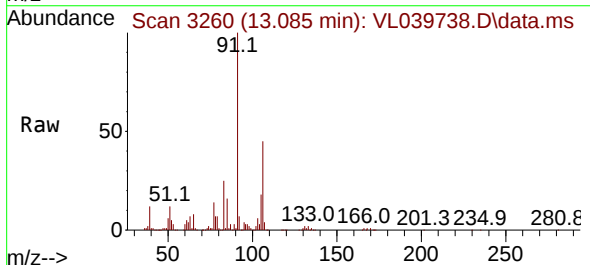
Manual Integrations
APPROVED

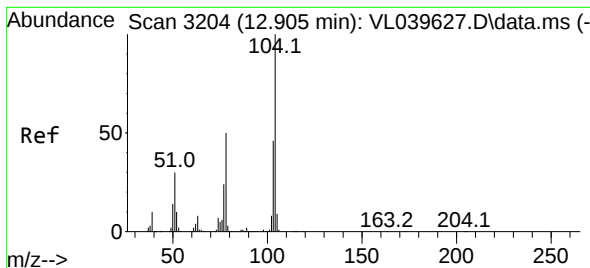
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#60
o-Xylene
Concen: 10.045 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Tgt Ion: 91 Resp: 2590168
Ion Ratio Lower Upper
91 100
106 45.0 22.4 67.3





#61

Styrene

Concen: 11.058 ppbv

RT: 12.925 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 153570

Ion Ratio Lower Upper

104 100

78 49.2 41.2 61.8

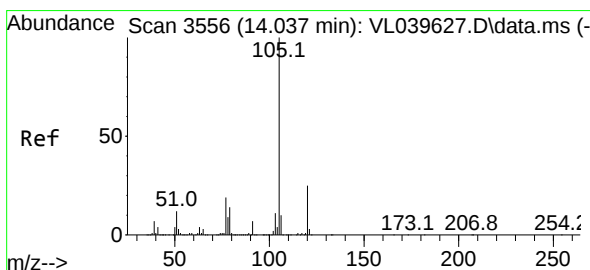
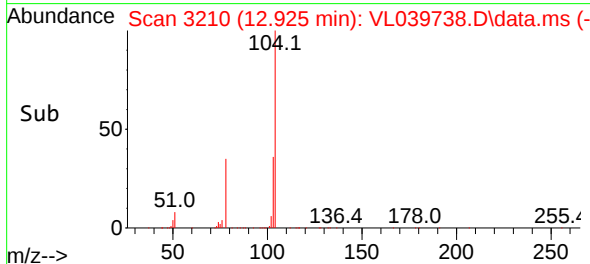
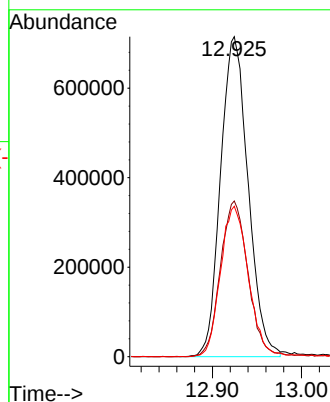
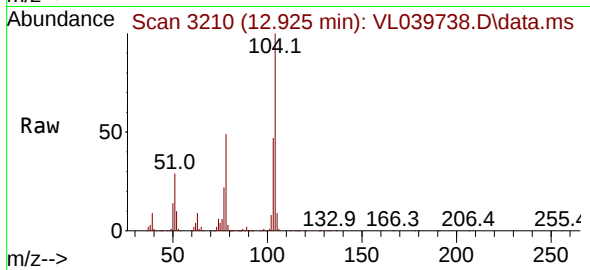
103 48.1 38.7 58.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#62

Isopropylbenzene

Concen: 9.649 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.017 min

Lab File: VL039738.D

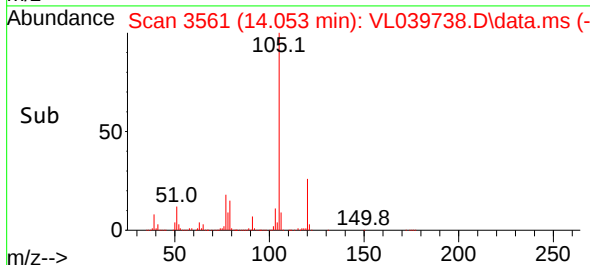
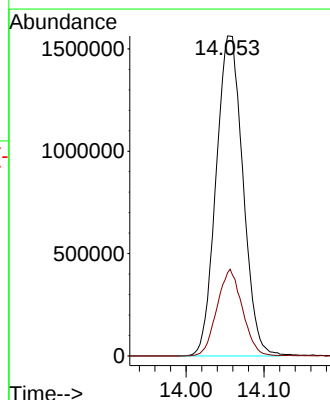
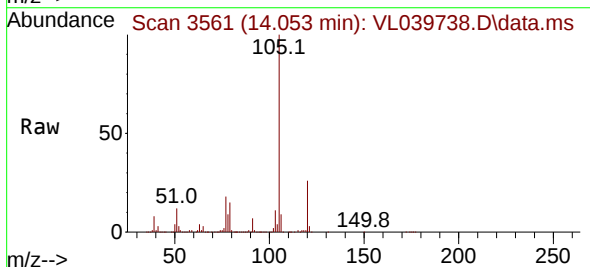
Acq: 18 Oct 2022 10:53

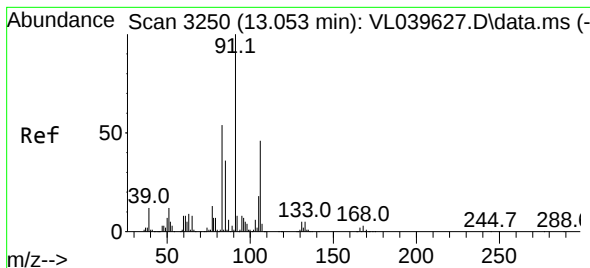
Tgt Ion:105 Resp: 3744045

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1





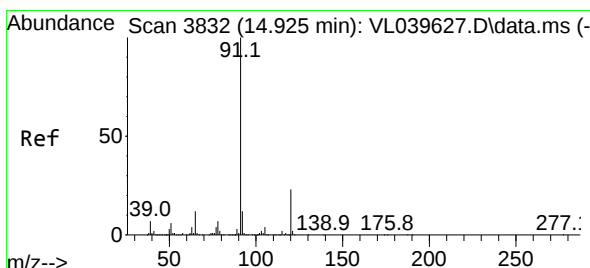
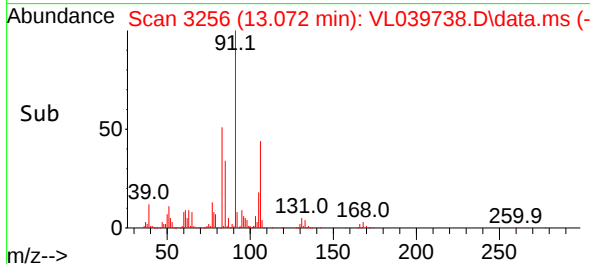
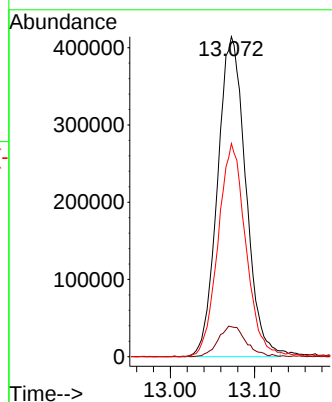
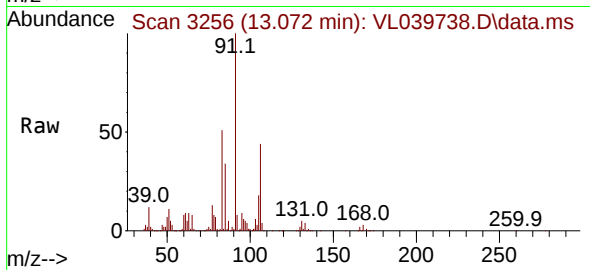
#63
1,1,2,2-Tetrachloroethane
Concen: 9.341 ppbv
RT: 13.072 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 96080
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 65.9 33.1 99.5

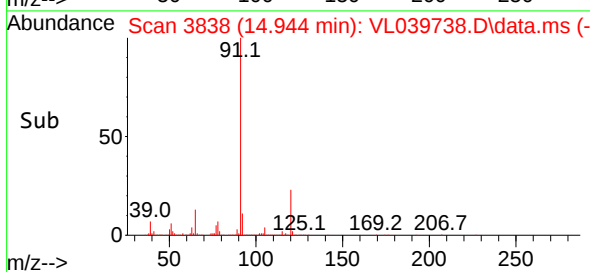
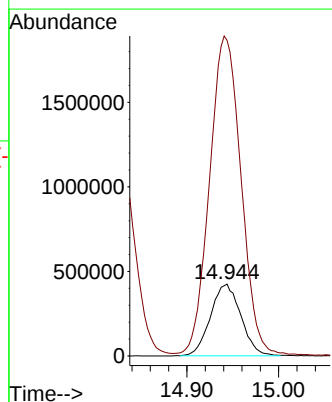
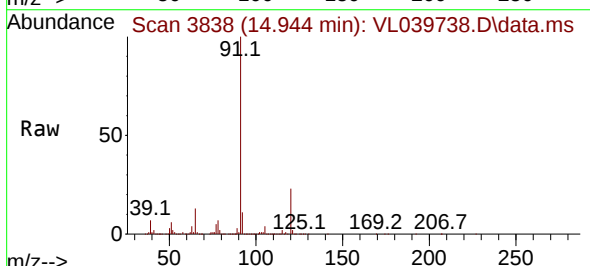
Manual Integrations
APPROVED

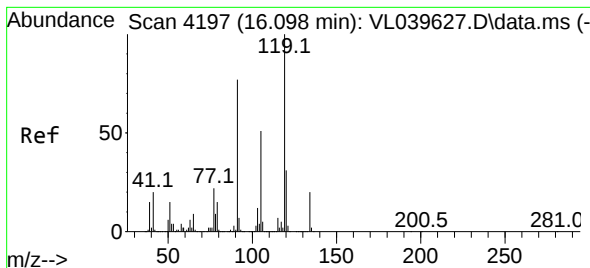
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#64
n-propylbenzene
Concen: 9.790 ppbv
RT: 14.944 min Scan# 3838
Delta R.T. 0.026 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

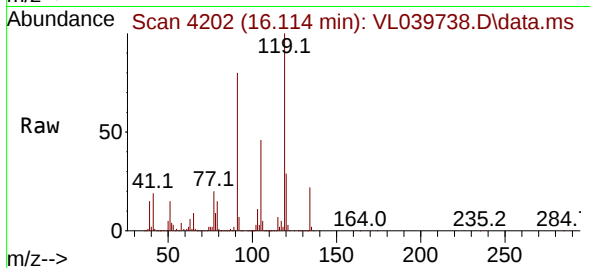
Tgt Ion:120 Resp: 972794
Ion Ratio Lower Upper
120 100
91 466.7 367.2 550.8





#65
tert-Butylbenzene
Concen: 9.549 ppbv
RT: 16.114 min Scan# 4197
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

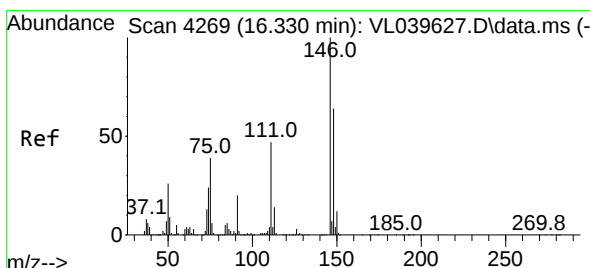
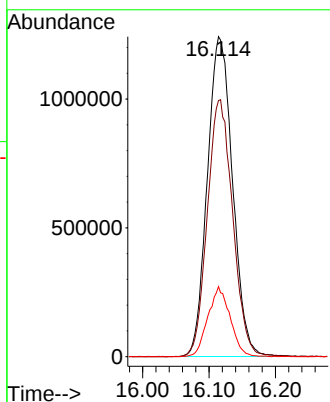
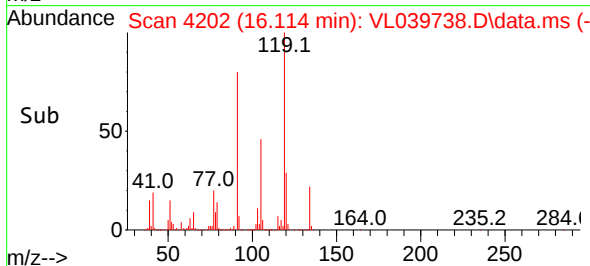
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 327347
Ion Ratio Lower Upper
119 100
91 80.8 63.4 95.2
134 19.4 15.9 23.9

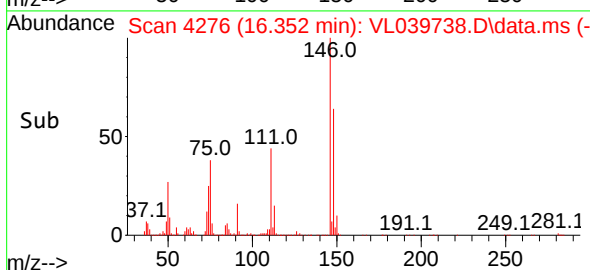
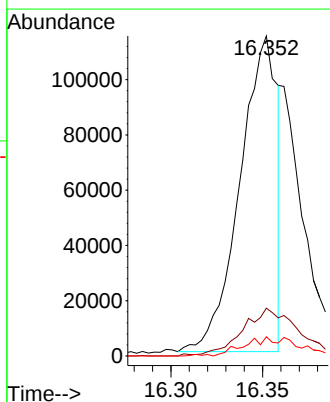
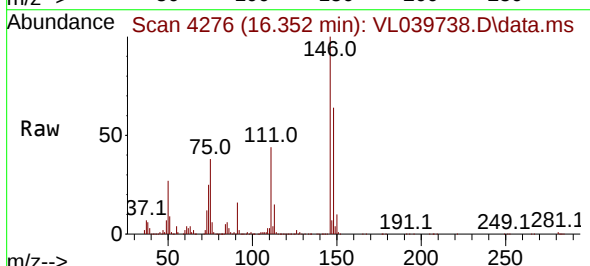
Manual Integrations
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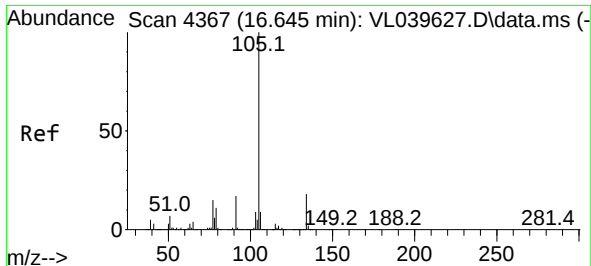
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#66
Benzyl Chloride
Concen: 5.910 ppbv
RT: 16.352 min Scan# 4276
Delta R.T. 0.017 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

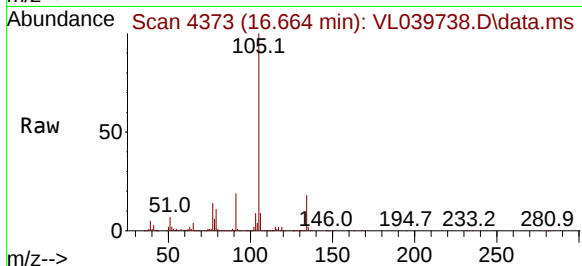
Tgt Ion: 91 Resp: 161312
Ion Ratio Lower Upper
91 100
126 24.1 13.1 19.7#
128 8.9 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 9.513 ppbv
 RT: 16.664 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

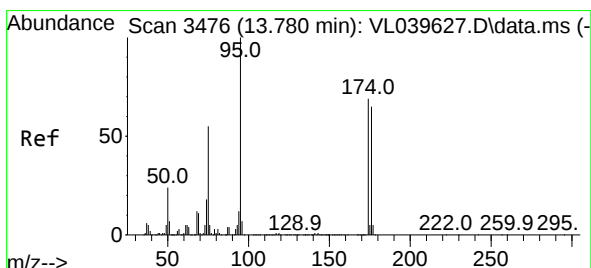
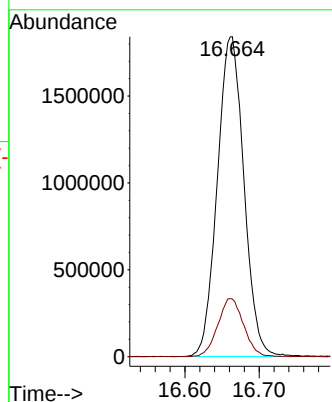
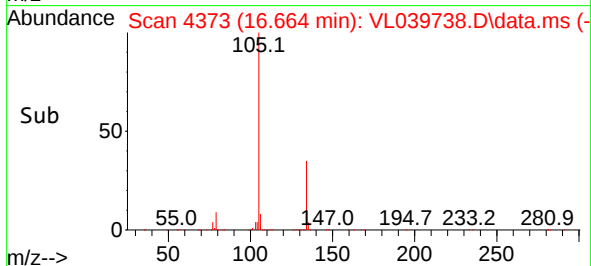
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



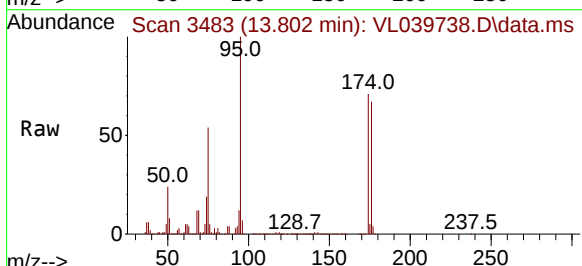
Tgt Ion: 105 Resp: 4574200
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.8 22.2

Manual Integrations
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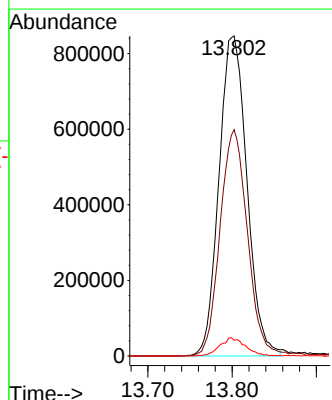
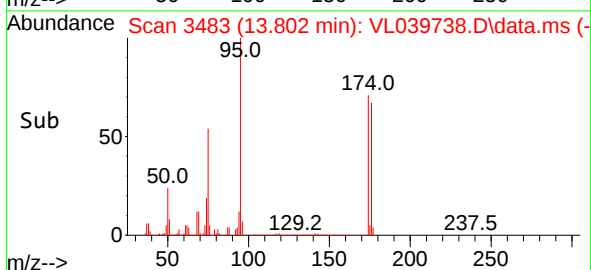
Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

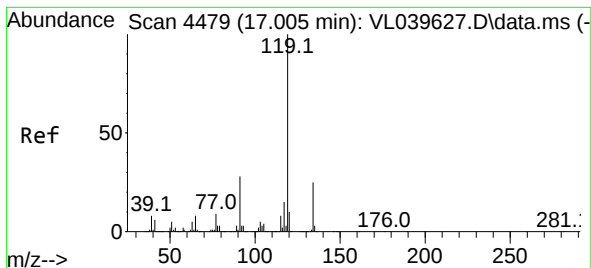


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.925 ppbv
 RT: 13.802 min Scan# 3483
 Delta R.T. 0.026 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53



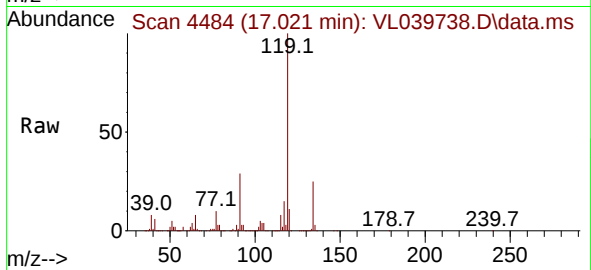
Tgt Ion: 95 Resp: 1949720
 Ion Ratio Lower Upper
 95 100
 174 70.4 55.9 83.9
 175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.616 ppbv
RT: 17.021 min Scan# 4479
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

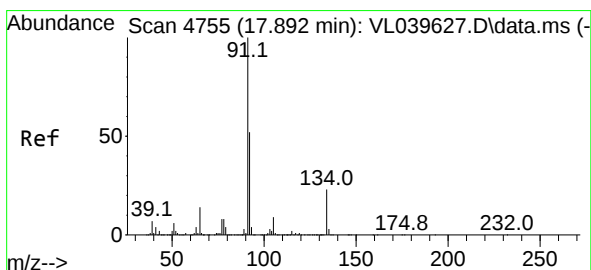
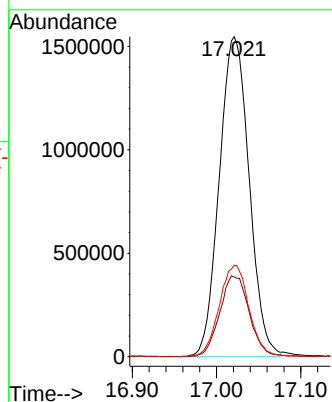
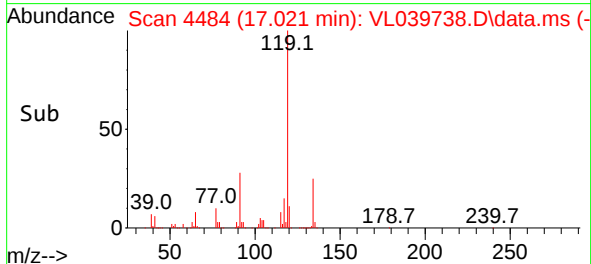
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



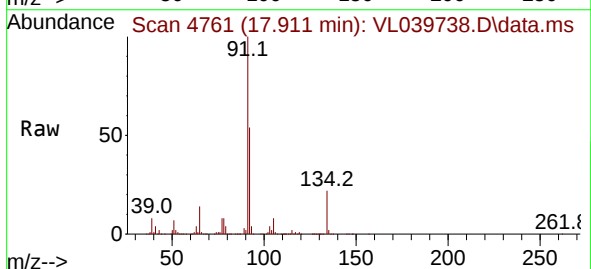
Tgt Ion: 119 Resp: 379917
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 28.4 22.9 34.3

Manual Integrations
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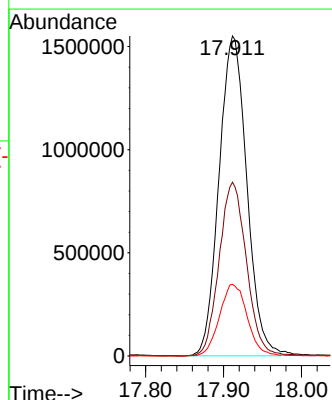
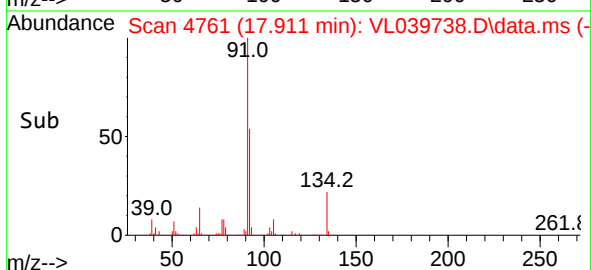
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

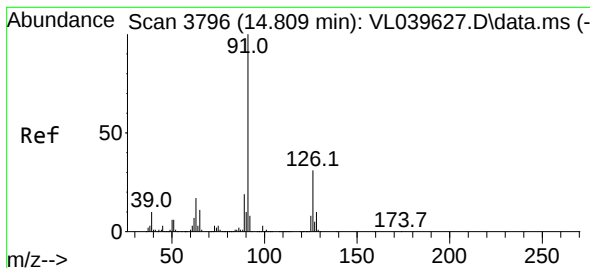


#70
n-Butylbenzene
Concen: 9.890 ppbv
RT: 17.911 min Scan# 4761
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



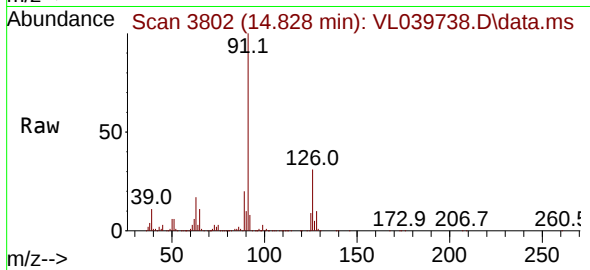
Tgt Ion: 91 Resp: 3830462
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.2
134 22.6 18.9 28.3





#71
2-Chlorotoluene
Concen: 9.815 ppbv
RT: 14.828 min Scan# 3802
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

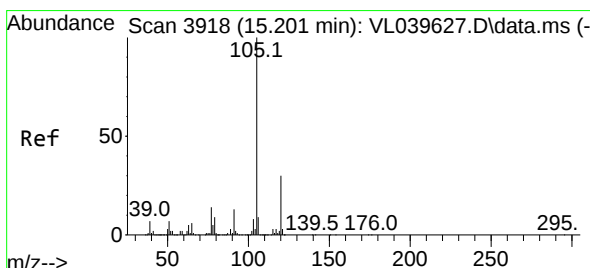
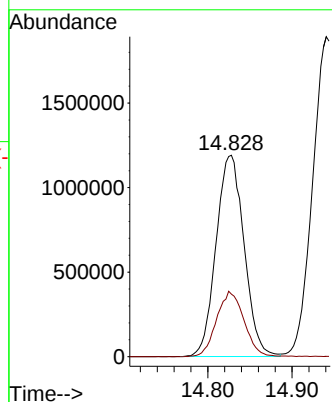
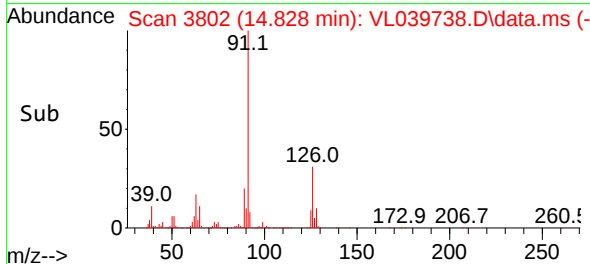
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



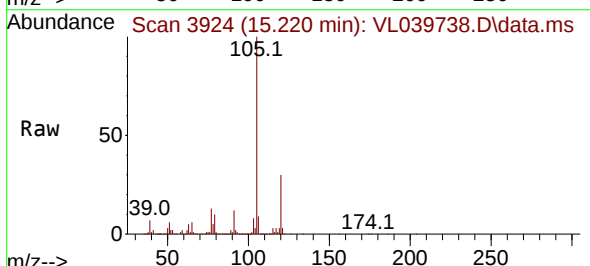
Tgt Ion: 91 Resp: 2749670
Ion Ratio Lower Upper
91 100
126 31.8 13.0 51.8

Manual Integrations
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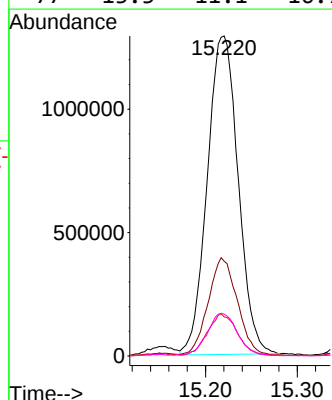
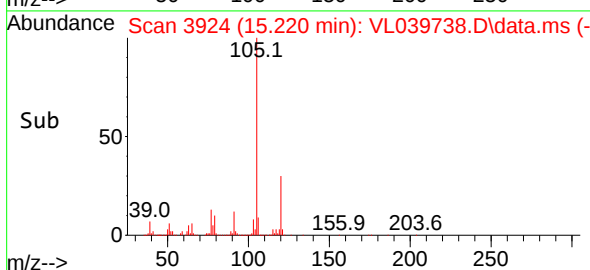
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

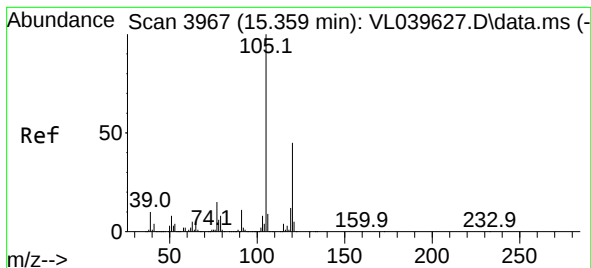


#72
4-Ethyltoluene
Concen: 10.268 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



Tgt Ion:105 Resp: 3022722
Ion Ratio Lower Upper
105 100
120 29.5 24.2 36.2
91 12.8 10.2 15.4
77 13.3 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.104 ppbv

RT: 15.378 min Scan# 3967

Delta R.T. 0.026 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2721690

Ion Ratio Lower Upper

105 100

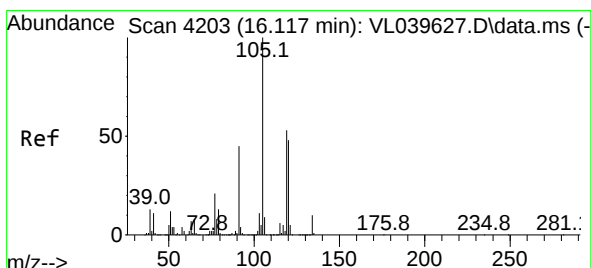
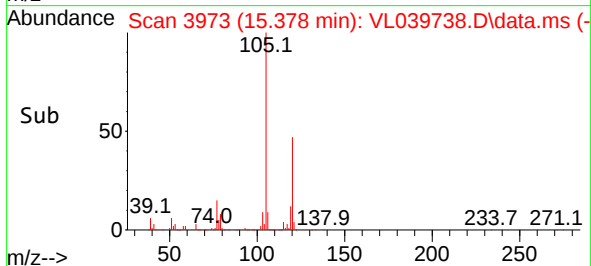
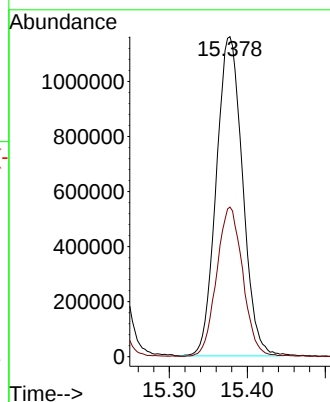
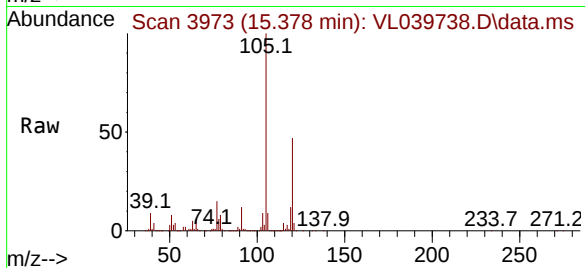
120 46.8 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022

Supervised By :Mahesh Dadoda 10/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.601 ppbv

RT: 16.133 min Scan# 4208

Delta R.T. 0.023 min

Lab File: VL039738.D

Acq: 18 Oct 2022 10:53

Tgt Ion:105 Resp: 2898873

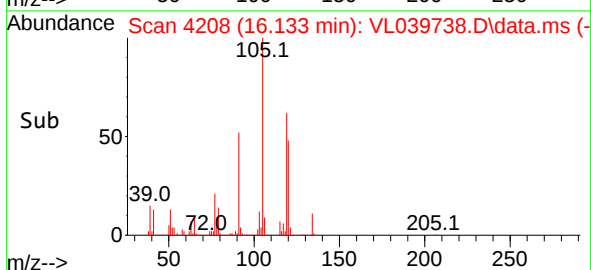
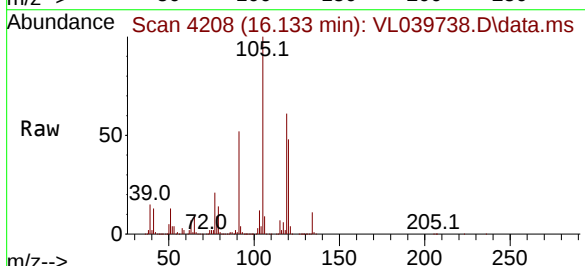
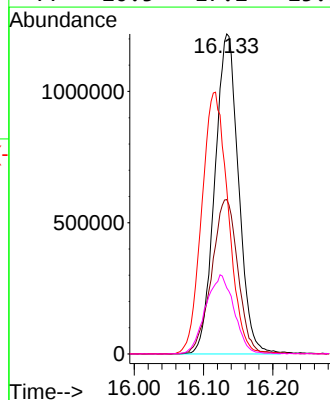
Ion Ratio Lower Upper

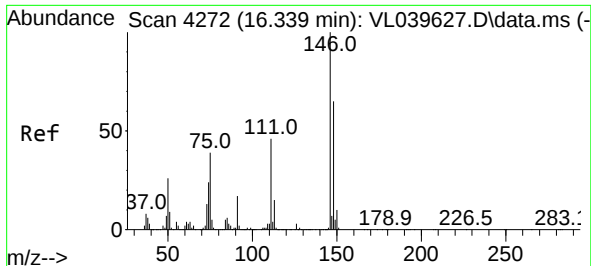
105 100

120 48.1 39.5 59.3

91 51.3 39.2 58.8

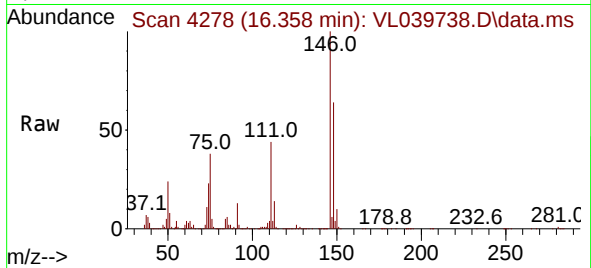
77 20.5 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 9.614 ppbv
RT: 16.358 min Scan# 41
Delta R.T. 0.030 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

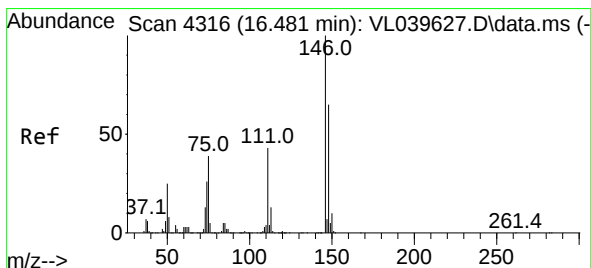
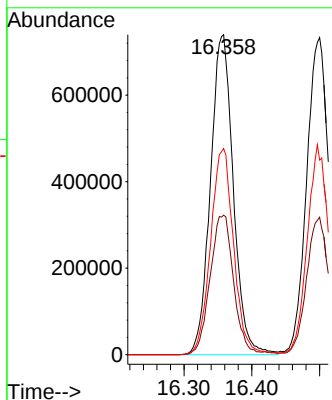
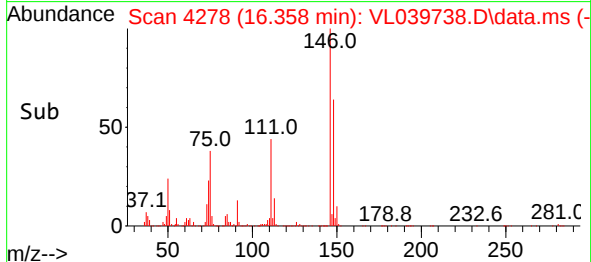
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



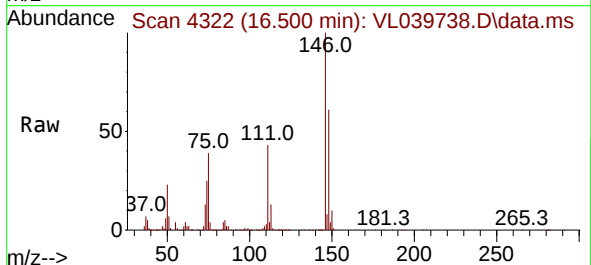
Tgt Ion:146 Resp: 173200
Ion Ratio Lower Upper
146 100
111 45.1 22.9 68.7
148 65.0 32.1 96.5

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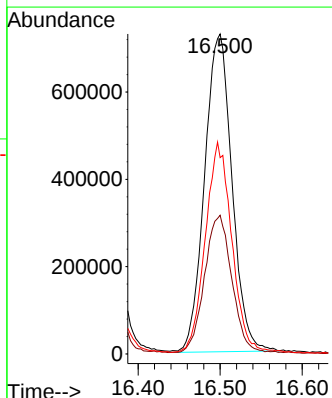
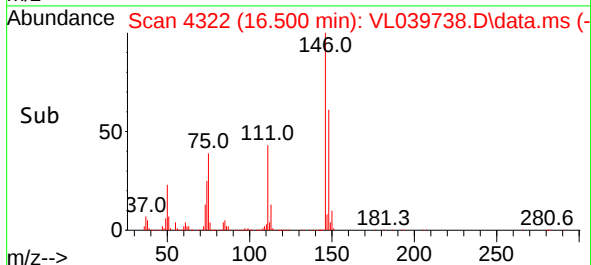
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

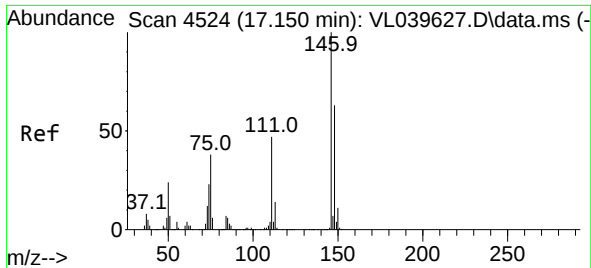


#76
1,4-Dichlorobenzene
Concen: 9.381 ppbv
RT: 16.500 min Scan# 4322
Delta R.T. 0.026 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53



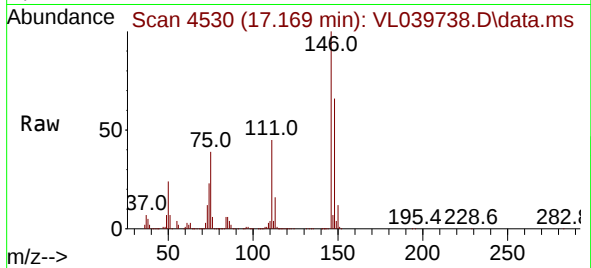
Tgt Ion:146 Resp: 1690706
Ion Ratio Lower Upper
146 100
111 44.5 22.9 68.8
148 65.6 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 4.681 ppbv
RT: 17.169 min Scan# 4524
Delta R.T. 0.023 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

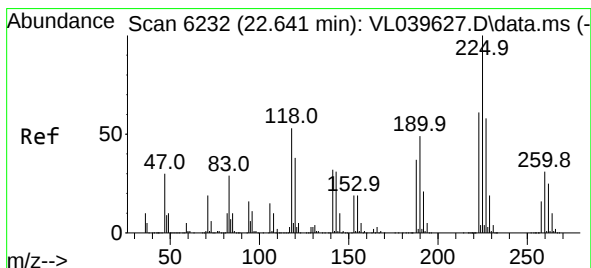
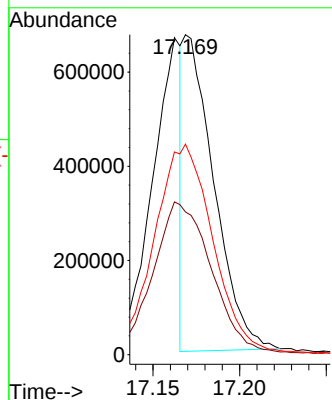
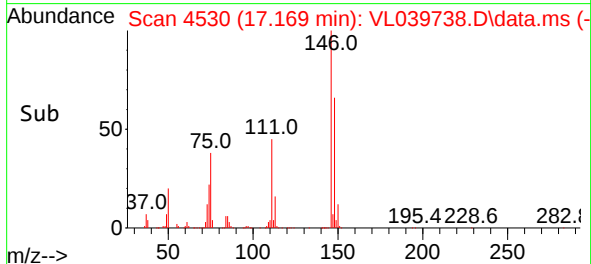
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 822445
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.5
148 130.1 32.3 96.8

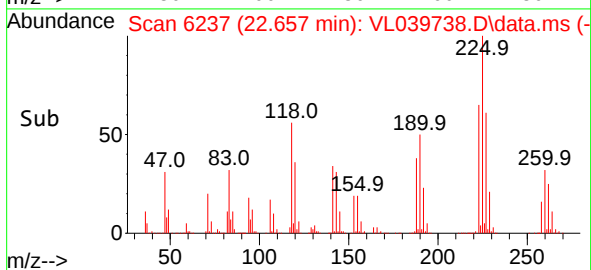
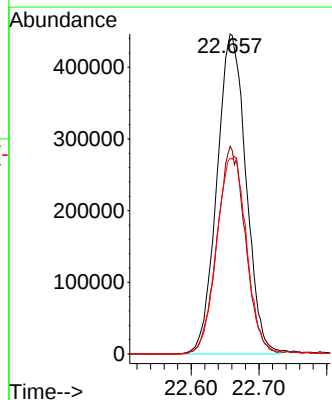
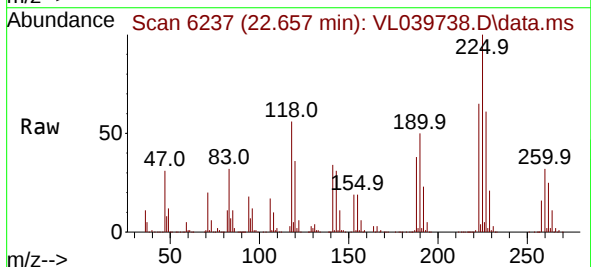
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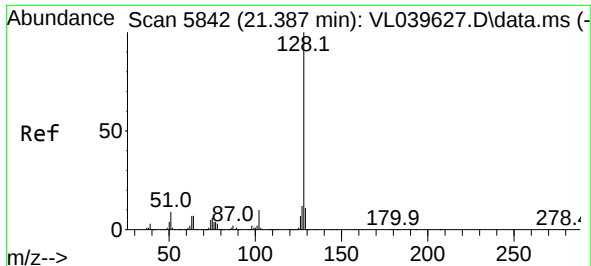
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.902 ppbv
RT: 22.657 min Scan# 6237
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

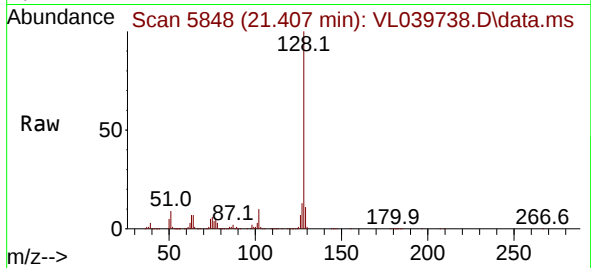
Tgt Ion:225 Resp: 1329297
Ion Ratio Lower Upper
225 100
223 64.2 51.8 77.6
227 64.5 51.4 77.2





#79
Naphthalene
Concen: 13.853 ppbv
RT: 21.407 min Scan# 5848
Delta R.T. 0.026 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

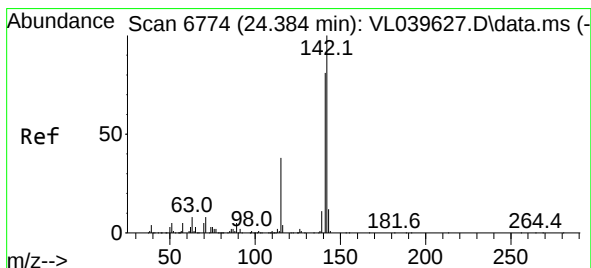
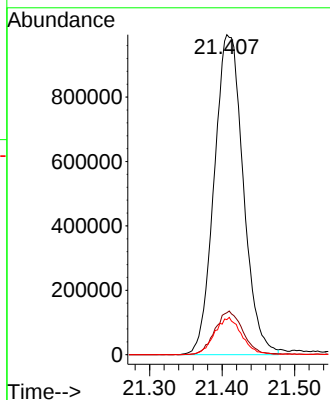
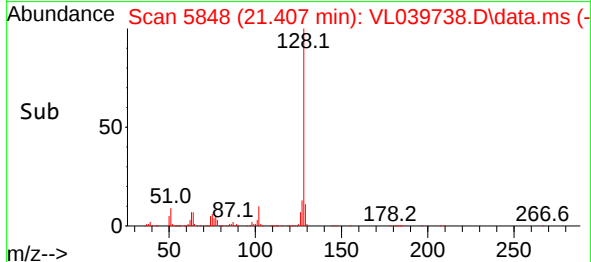
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 2760489
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2

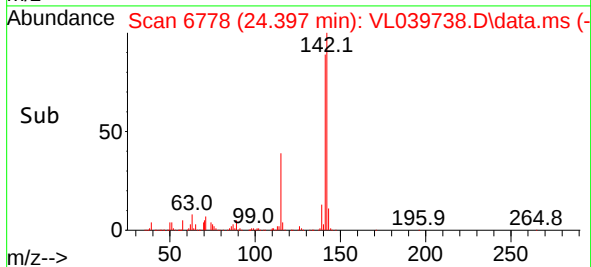
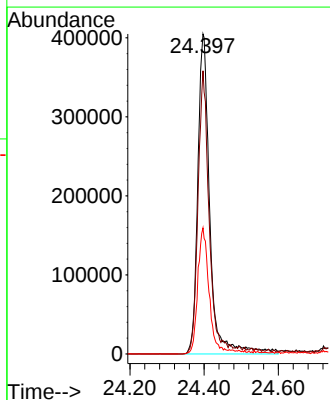
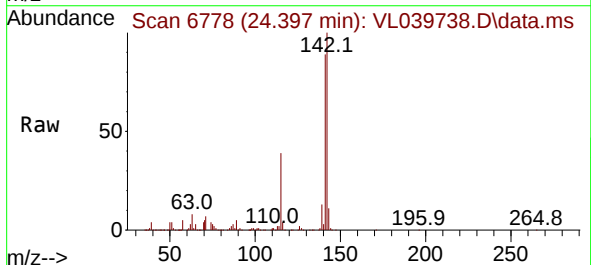
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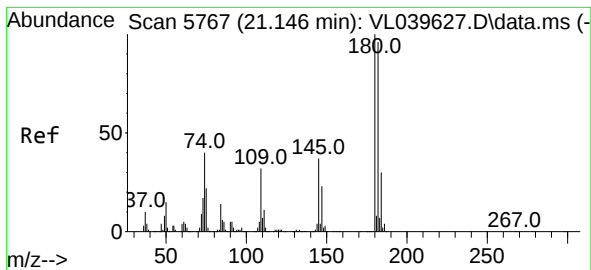
Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022



#80
Naphthalene,2-methyl-
Concen: 12.190 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.020 min
Lab File: VL039738.D
Acq: 18 Oct 2022 10:53

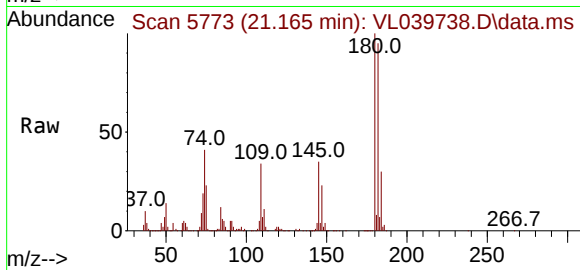
Tgt Ion:142 Resp: 913285
Ion Ratio Lower Upper
142 100
141 82.9 68.9 103.3
115 38.3 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.812 ppbv
 RT: 21.165 min Scan# 51
 Delta R.T. 0.026 min
 Lab File: VL039738.D
 Acq: 18 Oct 2022 10:53

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1545990

Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.1	115.7
184	30.6	24.3	36.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/19/2022
 Supervised By :Mahesh Dadoda 10/19/2022

