

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039318.D
 Acq On : 16 Jun 2022 12:04
 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 : Mahesh Dadoda 06/17/2022
 Supervised By : Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 12:39:22 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 12:39:22 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1322983	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	3681476	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	3453011m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 2674887 9.370 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1741065	7.493	ppbv	100
3) Chlorodifluoromethane	2.983	51	1489611	8.849	ppbv	96
4) Chloromethane	3.134	50	757467	8.760	ppbv	97
5) Vinyl Chloride	3.253	62	753963	9.328	ppbv	97
6) Bromomethane	3.472	94	349471	8.789	ppbv	96
7) Chloroethane	3.552	64	283624	10.070	ppbv	90
8) Dichlorotetrafluoroethane	3.182	85	1850181	8.712	ppbv	97
9) Propene	3.005	41	659796	8.989	ppbv	99
10) Heptane	8.108	43	1731656	10.113	ppbv	98
11) Trichlorofluoromethane	3.944	101	1755808	8.347	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.478	101	1304776	9.380	ppbv	99
13) Ethanol	3.591	45	42002	10.493	ppbv #	100
14) Bromoethene	3.735	108	547598	8.757	ppbv	97
15) Acetone	3.838	43	1535515	11.142	ppbv	98
16) 1,3-Butadiene	3.324	39	745107	10.058	ppbv	96
17) tert-Butyl alcohol	4.272	59	1313200	12.285	ppbv	98
18) 1,1-Dichloroethene	4.282	96	601142	9.634	ppbv	88
19) Isopropyl Alcohol	3.954	45	681226	10.539	ppbv #	1
20) Methylene Chloride	4.337	84	486484	8.377	ppbv	94
21) Allyl Chloride	4.404	41	929246	9.996	ppbv	98
22) trans-1,2-Dichloroethene	4.873	96	606366	10.099	ppbv	91
23) Vinyl Acetate	5.060	43	977976	8.577	ppbv	99
24) 1,1-Dichloroethane	5.002	63	1244496	7.966	ppbv	99
25) Ethyl Acetate	5.661	43	3276963	10.550	ppbv	99
26) Hexane	5.677	57	1288839	9.442	ppbv	89
27) Carbon Disulfide	4.542	76	1361807	9.626	ppbv	100
28) Methyl tert-Butyl Ether	5.025	73	1216686	8.074	ppbv	99
29) Chloroform	5.742	83	1921259	8.365	ppbv	98
30) Cyclohexane	7.121	84	1112557	9.702	ppbv	98
31) cis-1,2-Dichloroethene	5.536	61	1254359	9.012	ppbv	97
32) 1,1,1-Trichloroethane	6.500	97	1902970	8.467	ppbv	99
34) 2-Butanone	5.230	43	1796164	8.980	ppbv	99
35) Carbon Tetrachloride	7.005	117	1968104	7.324	ppbv	98
36) Benzene	6.877	78	2678476	8.962	ppbv	99
37) 1,2-Dichloroethane	6.291	62	1421554	7.227	ppbv #	95
38) Trichloroethene	7.822	130	1153986	8.406	ppbv	94
39) 1,2-Dichloropropane	7.600	63	1013151	8.522	ppbv	96
40) 1,4-Dioxane	7.816	88	372206	9.510	ppbv #	1
41) Tetrahydrofuran	6.037	42	1070727	8.901	ppbv	99
42) Bromodichloromethane	7.777	83	2068254	7.576	ppbv	99
43) Methyl Methacrylate	7.999	69	1133028	9.732	ppbv	98
44) 2,2,4-Trimethylpentane	7.854	57	4503285	8.613	ppbv	99
45) t-1,3-Dichloropropene	9.262	75	854357	7.046	ppbv	95

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Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 12:39:22 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

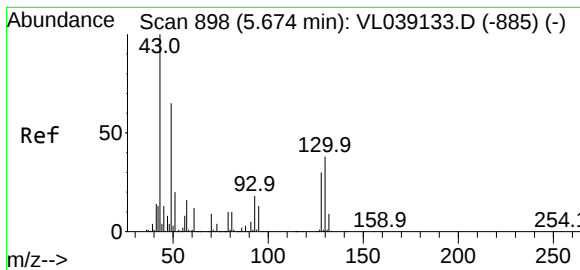
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	1211211	7.562	ppbv	99
47) 1,1,2-Trichloroethane	9.462	97	1107037	8.926	ppbv	97
48) Dibromochloromethane	10.288	129	1817155	8.205	ppbv	99
49) Bromoform	13.024	173	1565251	8.481	ppbv	98
50) 4-Methyl-2-Pentanone	8.725	43	2754455	9.200	ppbv	100
51) 2-Hexanone	10.114	43	2143225	9.200	ppbv #	98
52) Tetrachloroethene	11.208	164	1058358	9.069	ppbv	97
53) Toluene	9.790	91	3222659	9.364	ppbv	100
54) 1,2-Dibromoethane	10.597	107	1555750	9.335	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.111	131	1428703	8.744	ppbv	100
57) Chlorobenzene	12.130	112	2400265	9.238	ppbv	94
58) Ethyl Benzene	12.693	91	4336082	9.116	ppbv	99
59) m/p-Xylene	12.976	91	7339924m	17.524	ppbv	
60) o-Xylene	13.674	91	3501649	8.897	ppbv	98
61) Styrene	13.510	104	2065812	9.802	ppbv	95
62) Isopropylbenzene	14.648	105	5437671	9.296	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.658	83	2232967	10.108	ppbv	99
64) n-propylbenzene	15.545	120	1446414	10.059	ppbv	90
65) tert-Butylbenzene	16.725	119	4963252	9.279	ppbv	95
66) Benzyl Chloride	16.969	91	318497	4.579	ppbv	99
67) sec-Butylbenzene	17.275	105	6867320	9.409	ppbv	98
69) p-Isopropyltoluene	17.632	119	5960181	9.679	ppbv	98
70) n-Butylbenzene	18.532	91	5910886	9.352	ppbv	99
71) 2-Chlorotoluene	15.433	91	4062721	9.107	ppbv	97
72) 4-Ethyltoluene	15.818	105	4383719	9.503	ppbv	99
73) 1,3,5-Trimethylbenzene	15.976	105	3925086	9.434	ppbv	100
74) 1,2,4-Trimethylbenzene	16.744	105	4257678	9.170	ppbv	91
75) 1,3-Dichlorobenzene	16.976	146	2555050	9.723	ppbv	98
76) 1,4-Dichlorobenzene	17.121	146	2486752	9.484	ppbv	97
77) 1,2-Dichlorobenzene	17.796	146	2496372	9.425	ppbv	98
78) Hexachloro-1,3-Butadiene	23.352	225	1952455	8.061	ppbv	99
79) Naphthalene	22.165	128	3729274	10.434	ppbv	99
80) Naphthalene,2-methyl-	24.950	142	996126	7.502	ppbv	95
81) 1,2,4-Trichlorobenzene	21.899	180	2077618	9.176	ppbv #	100

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



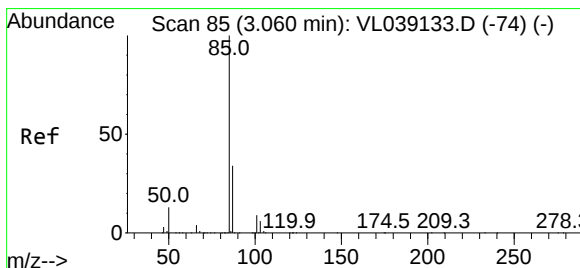
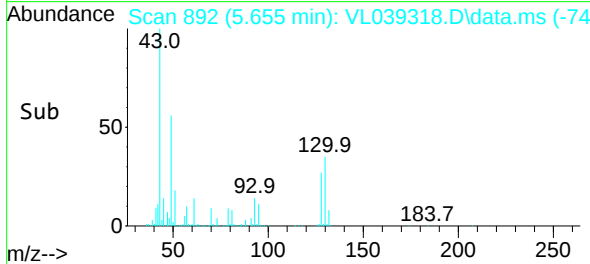
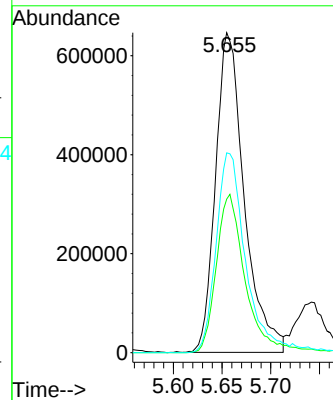
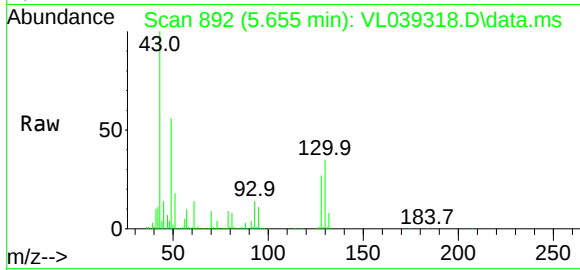
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 132298
Ion Ratio Lower Upper
49 100
128 50.6 24.7 74.1
130 66.0 31.4 94.0

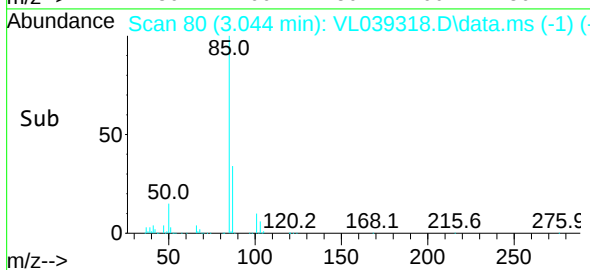
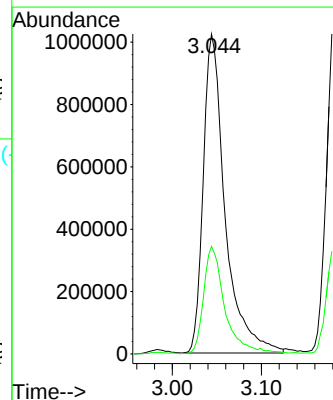
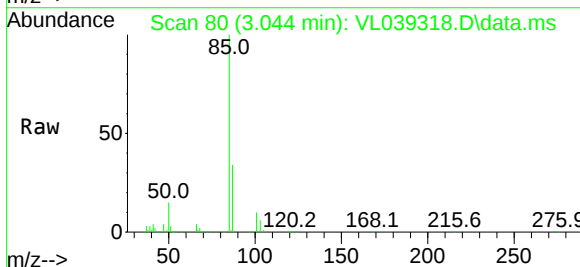
Manual Integrations
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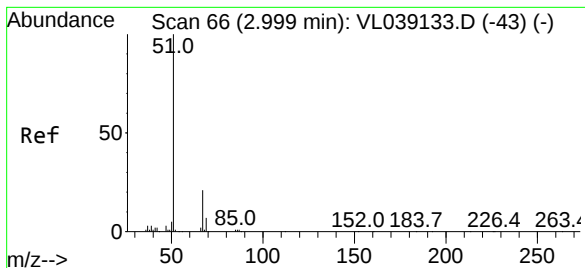
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#2
Dichlorodifluoromethane
Concen: 7.493 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

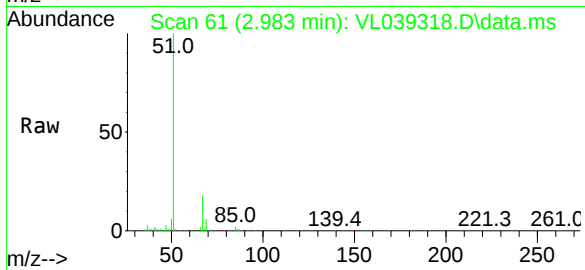
Tgt Ion: 85 Resp: 1741065
Ion Ratio Lower Upper
85 100
87 33.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 8.849 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

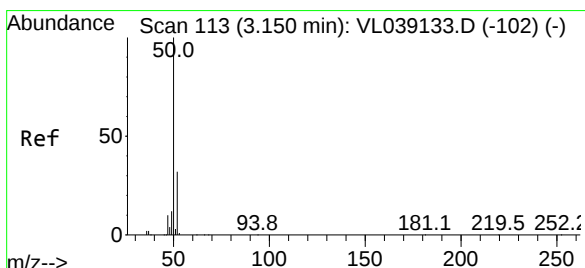
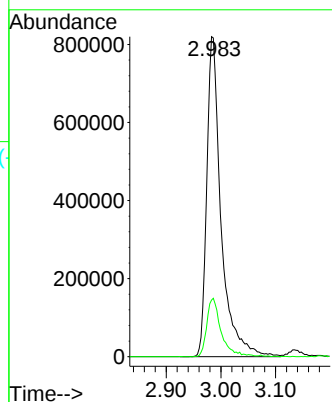
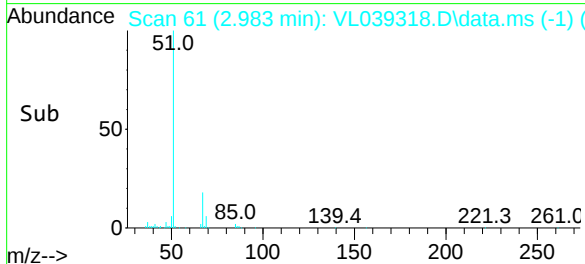
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 148961
Ion Ratio Lower Upper
51 100
67 18.6 16.2 24.4

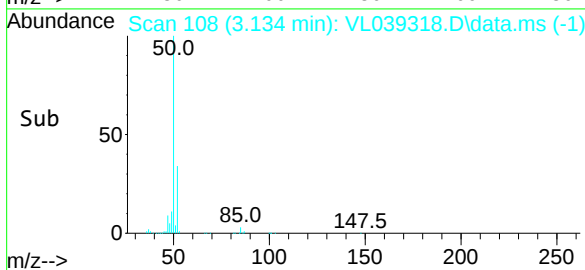
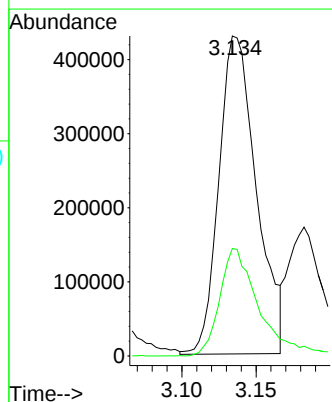
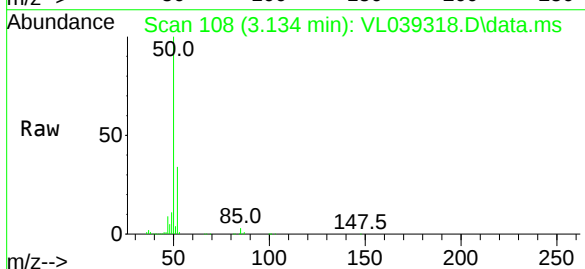
Manual Integrations
APPROVED

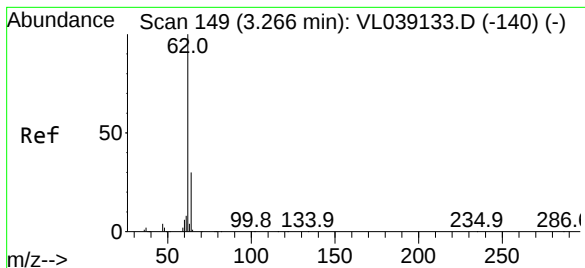
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#4
Chloromethane
Concen: 8.760 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Tgt Ion: 50 Resp: 757467
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9





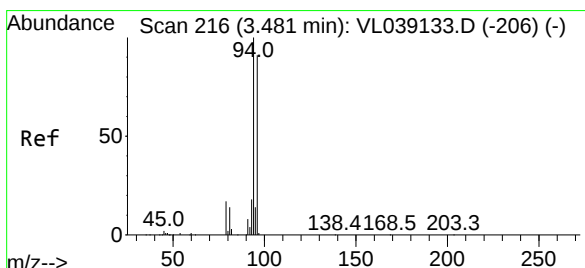
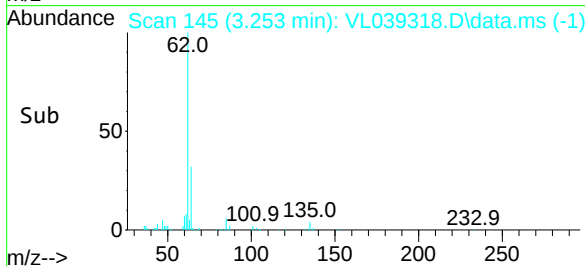
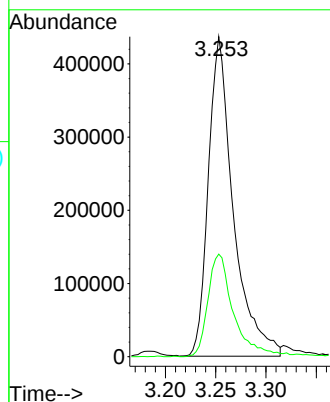
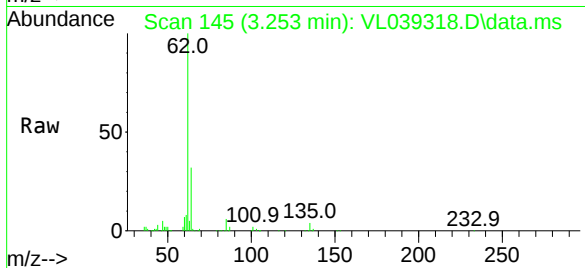
#5
 Vinyl Chloride
 Concen: 9.328 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. -0.013 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 75396
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.2 36.2

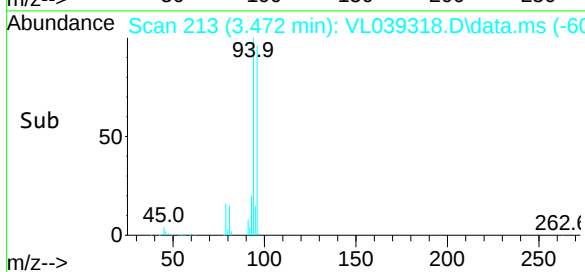
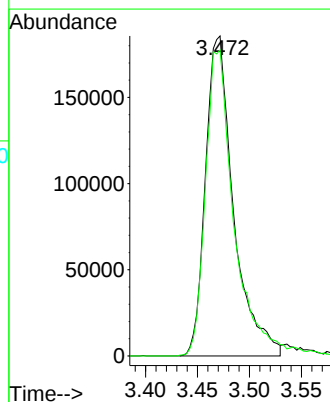
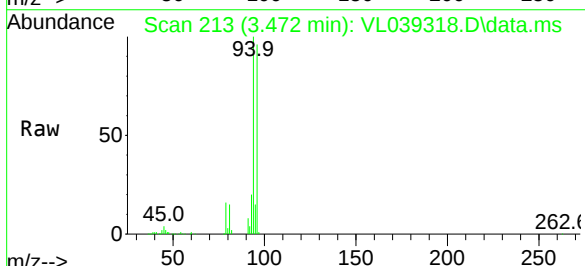
Manual Integrations
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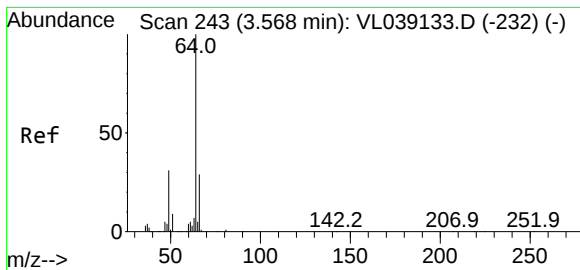
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#6
 Bromomethane
 Concen: 8.789 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. -0.010 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

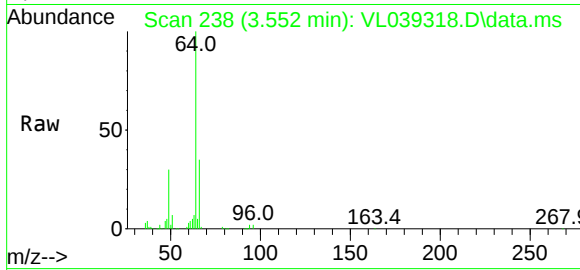
Tgt Ion: 94 Resp: 349471
 Ion Ratio Lower Upper
 94 100
 96 95.3 73.0 109.4





#7
Chloroethane
Concen: 10.070 ppbv
RT: 3.552 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

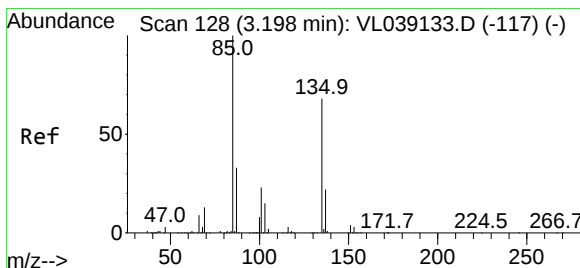
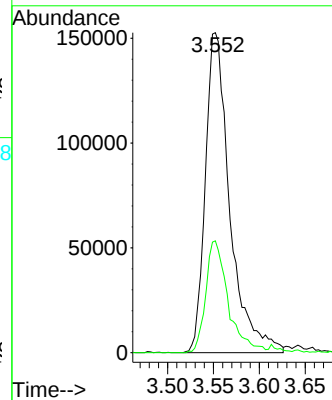
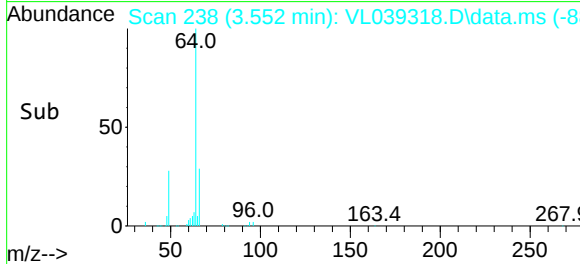
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 283624
Ion Ratio Lower Upper
64 100
66 34.9 23.6 35.4

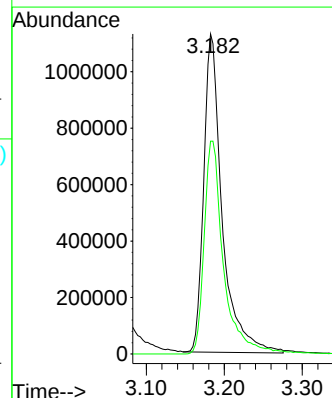
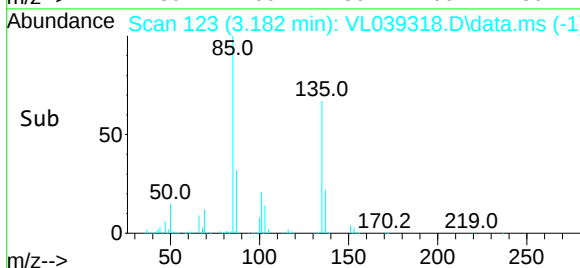
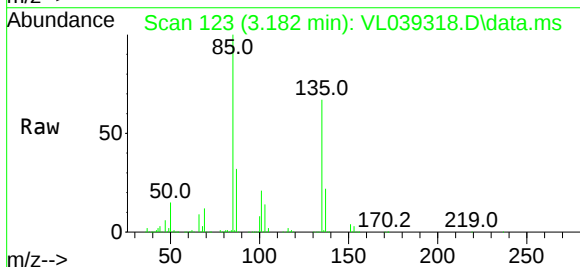
Manual Integrations
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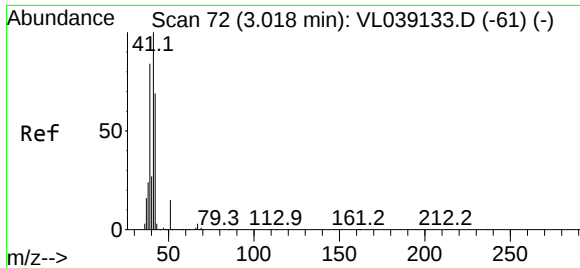
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#8
Dichlorotetrafluoroethane
Concen: 8.712 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

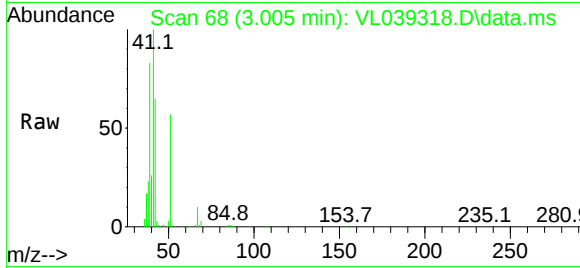
Tgt Ion: 85 Resp: 1850181
Ion Ratio Lower Upper
85 100
135 71.0 55.0 82.4





#9
 Propene
 Concen: 8.989 ppbv
 RT: 3.005 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

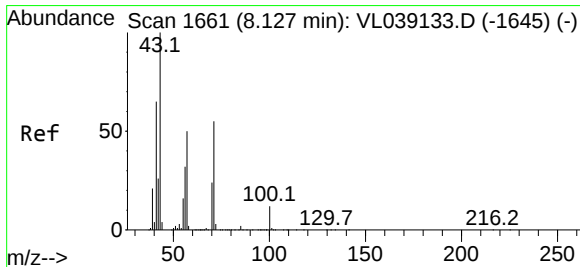
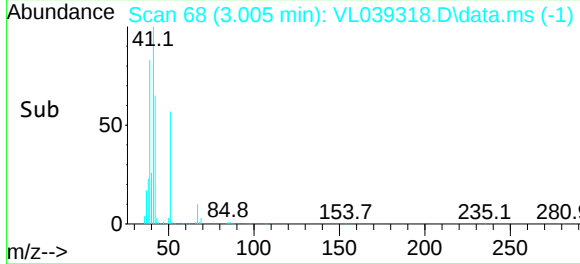
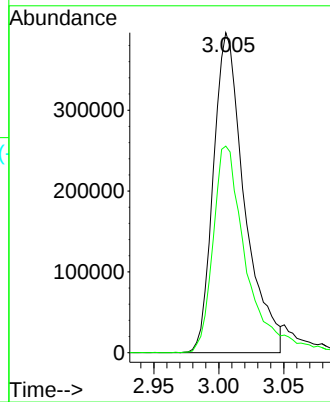
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 659790
 Ion Ratio Lower Upper
 41 100
 42 70.2 55.4 83.2

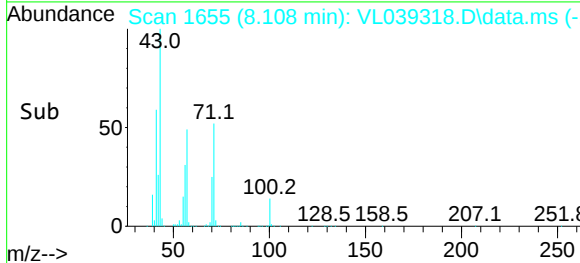
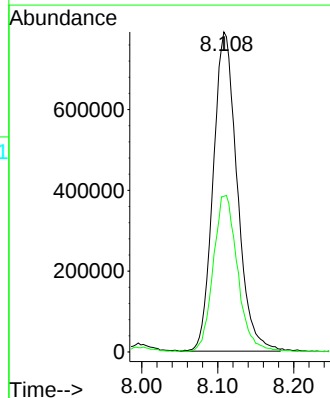
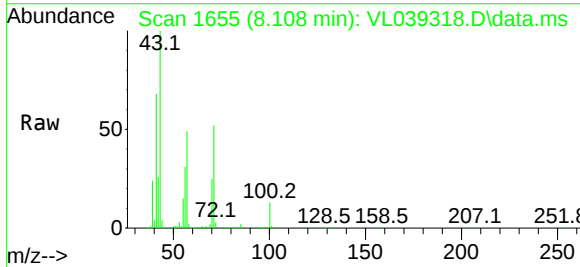
Manual Integrations
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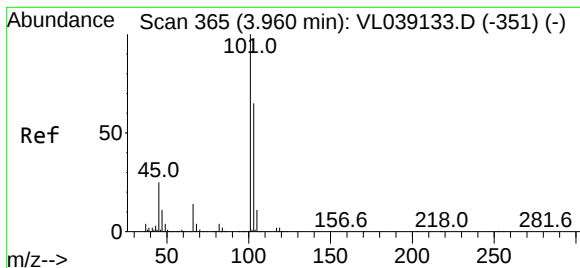
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#10
 Heptane
 Concen: 10.113 ppbv
 RT: 8.108 min Scan# 1655
 Delta R.T. -0.019 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

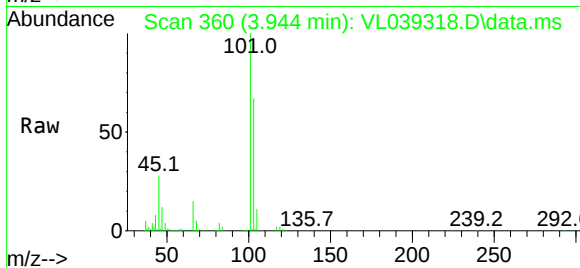
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 Ion Ratio Lower Upper
 43 100
 57 50.2 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 8.347 ppbv
 RT: 3.944 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

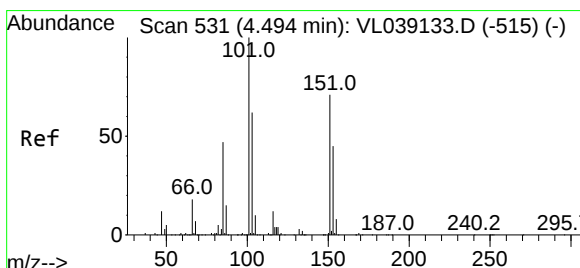
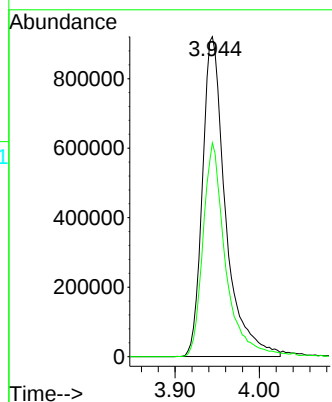
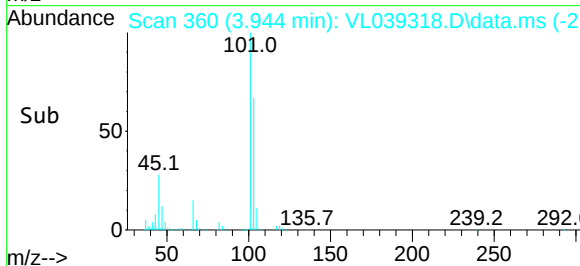
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



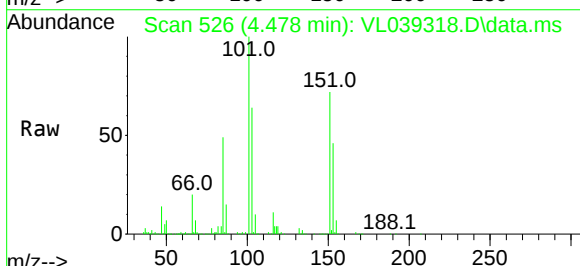
Tgt Ion:101 Resp: 1755808
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.7 77.5

Manual Integrations
 APPROVED

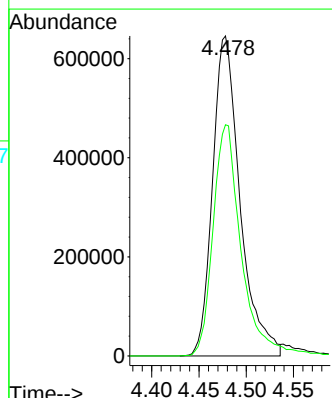
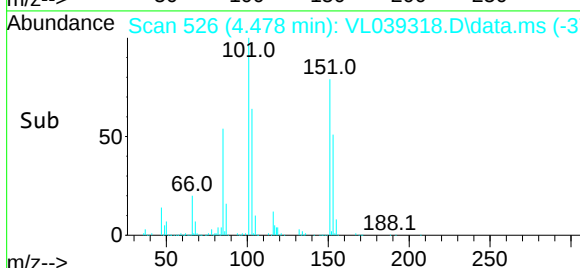
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

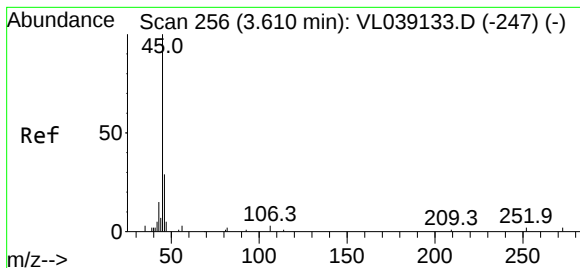


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.380 ppbv
 RT: 4.478 min Scan# 526
 Delta R.T. -0.016 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04



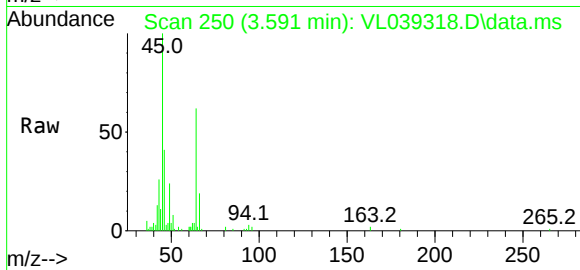
Tgt Ion:101 Resp: 1304776
 Ion Ratio Lower Upper
 101 100
 151 74.7 59.4 89.0





#13
Ethanol
Concen: 10.493 ppbv
RT: 3.591 min Scan# 210
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

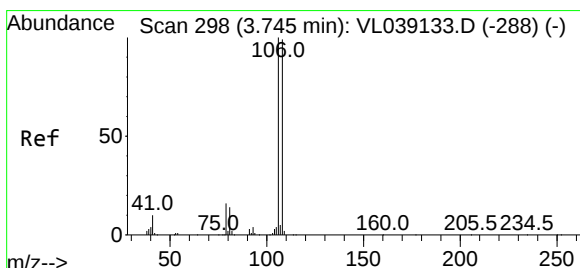
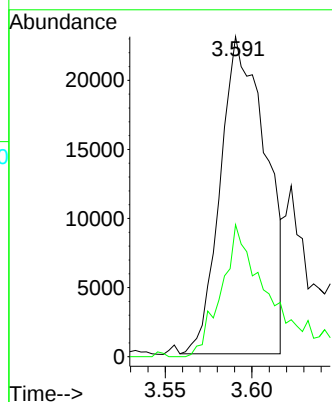
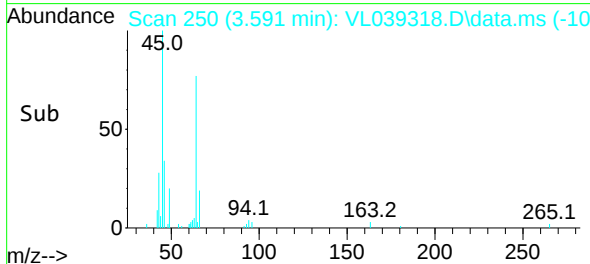
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



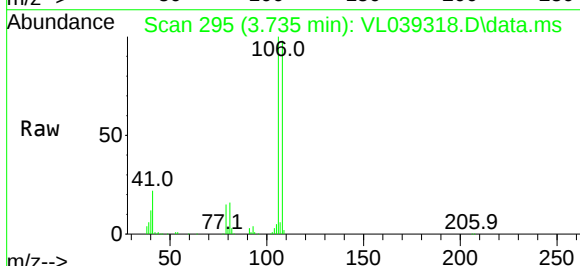
Tgt Ion: 45 Resp: 4200
Ion Ratio Lower Upper
45 100
46 42.7 0.0 0.0

Manual Integrations
APPROVED

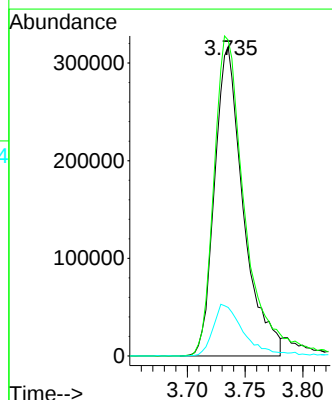
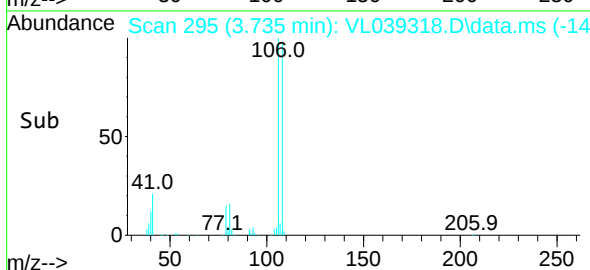
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

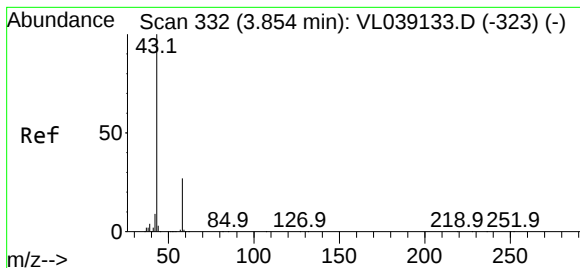


#14
Bromoethene
Concen: 8.757 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



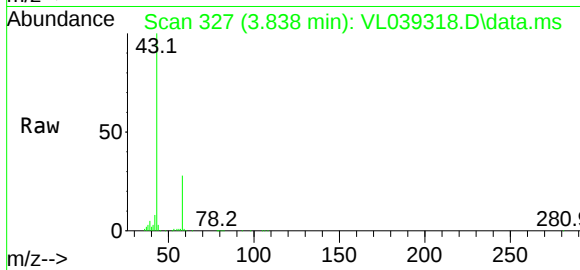
Tgt Ion:108 Resp: 547598
Ion Ratio Lower Upper
108 100
106 113.8 88.4 132.6
79 18.3 13.4 20.2





#15
Acetone
Concen: 11.142 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

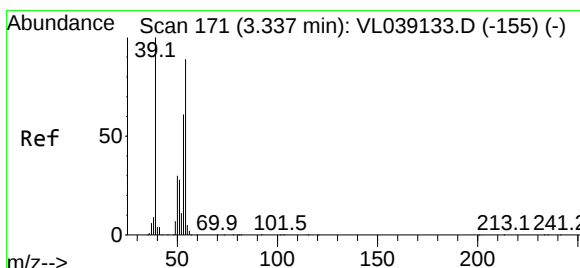
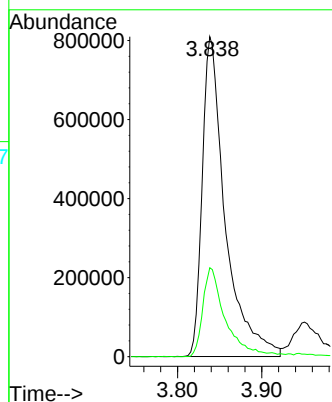
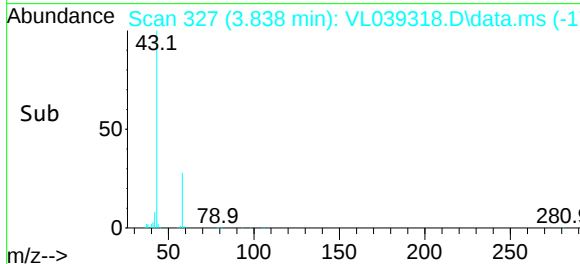
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 153551
Ion Ratio Lower Upper
43 100
58 29.1 22.5 33.7

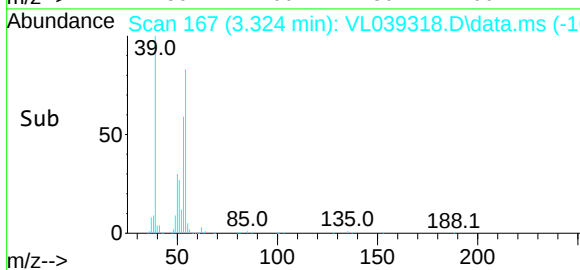
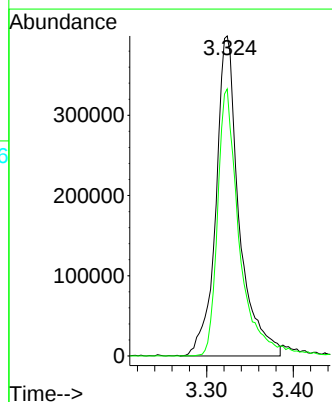
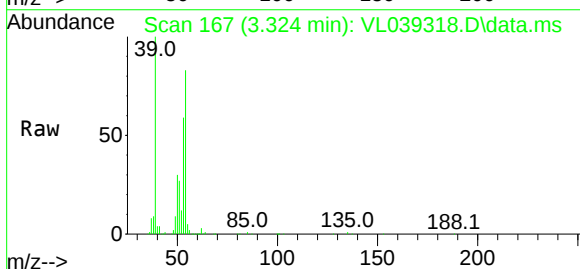
Manual Integrations
APPROVED

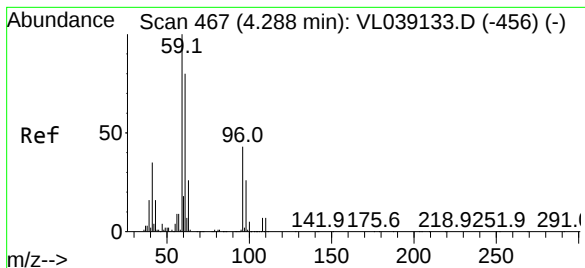
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#16
1,3-Butadiene
Concen: 10.058 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.013 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Tgt Ion: 39 Resp: 745107
Ion Ratio Lower Upper
39 100
54 79.1 65.8 98.6





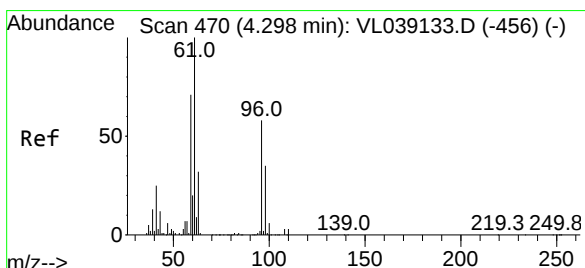
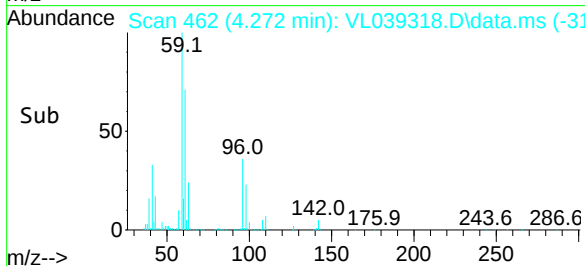
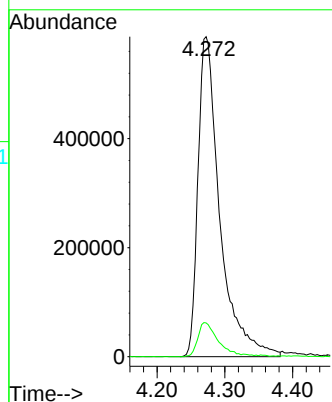
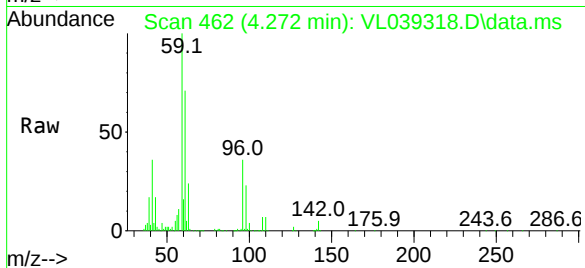
#17
tert-Butyl alcohol
Concen: 12.285 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1313200
Ion Ratio Lower Upper
59 100
57 10.4 9.1 13.7

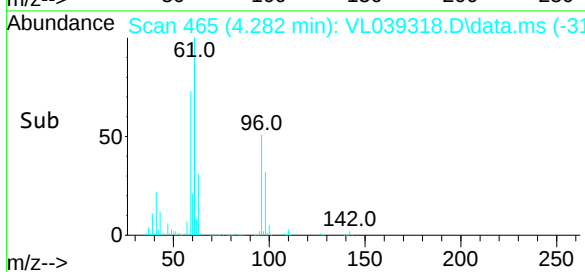
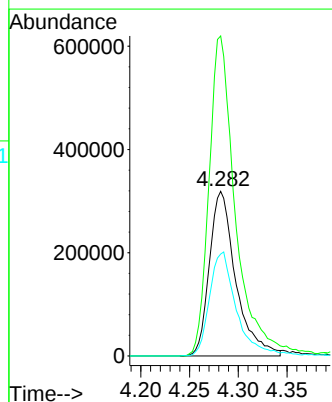
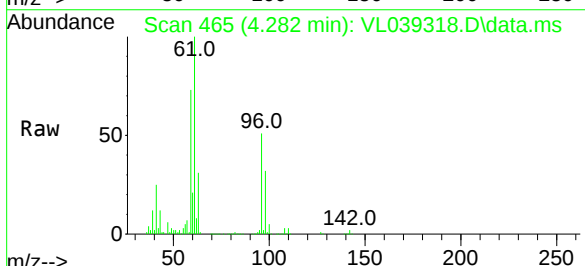
Manual Integrations
APPROVED

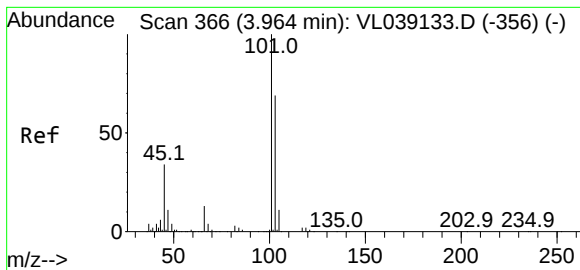
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#18
1,1-Dichloroethene
Concen: 9.634 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

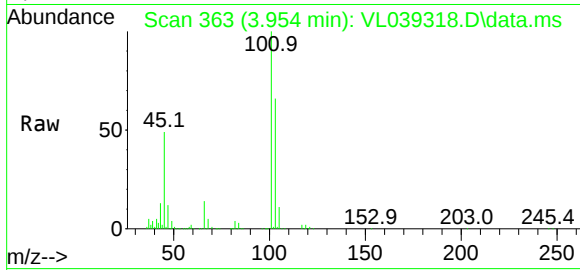
Tgt Ion: 96 Resp: 601142
Ion Ratio Lower Upper
96 100
61 194.1 138.4 207.6
98 61.9 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.539 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

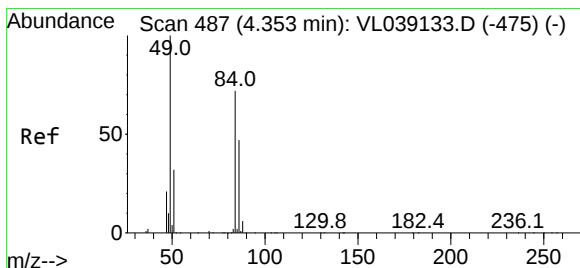
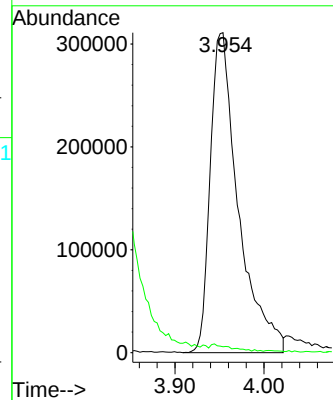
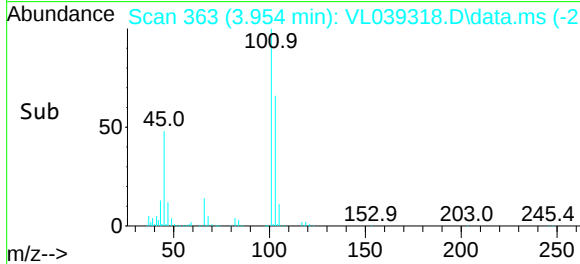
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 681220
Ion Ratio Lower Upper
45 100
58 65.4 1.8 2.8

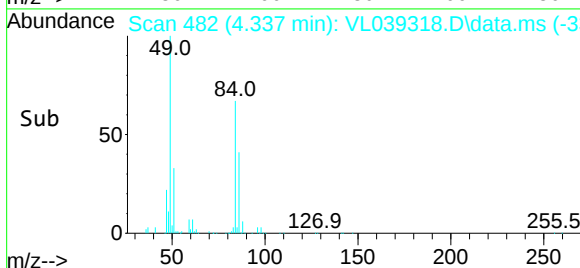
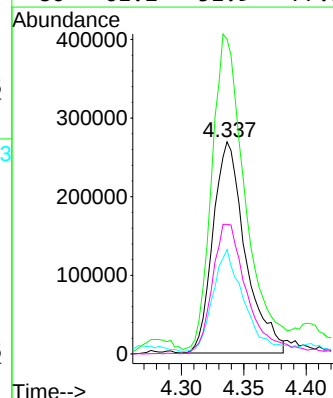
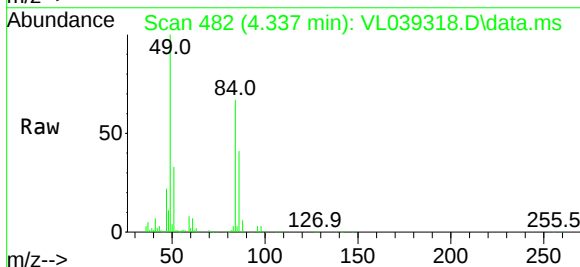
Manual Integrations
APPROVED

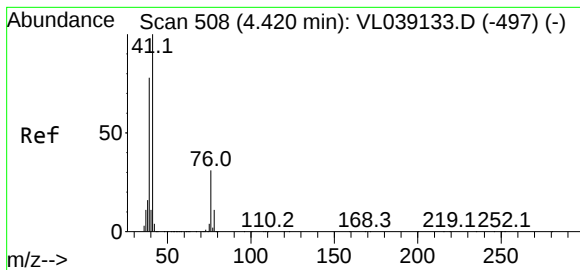
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#20
Methylene Chloride
Concen: 8.377 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Tgt Ion: 84 Resp: 486484
Ion Ratio Lower Upper
84 100
49 147.0 111.1 166.7
51 48.3 35.3 52.9
86 61.2 51.9 77.9





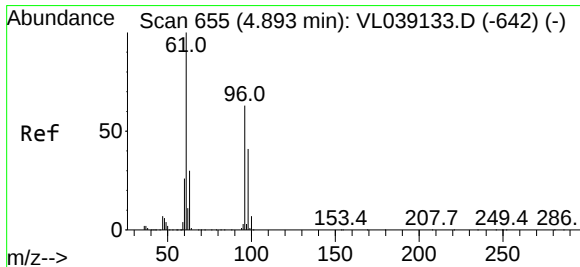
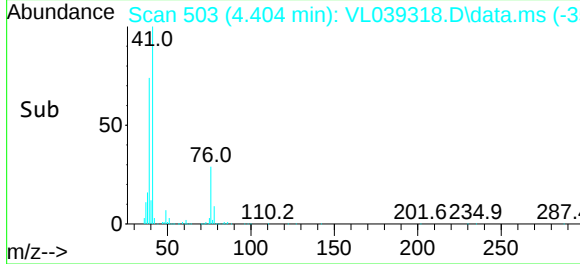
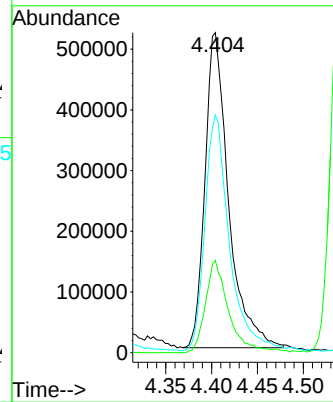
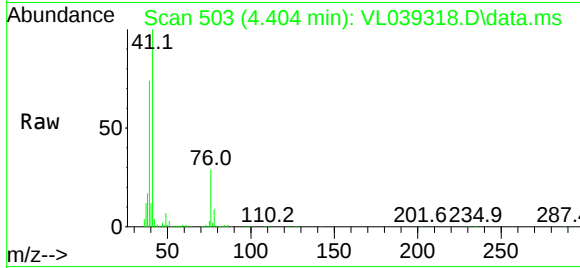
#21
 Allyl Chloride
 Concen: 9.996 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. -0.016 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 929240
 Ion Ratio Lower Upper
 41 100
 76 28.9 24.2 36.2
 39 79.0 62.2 93.2

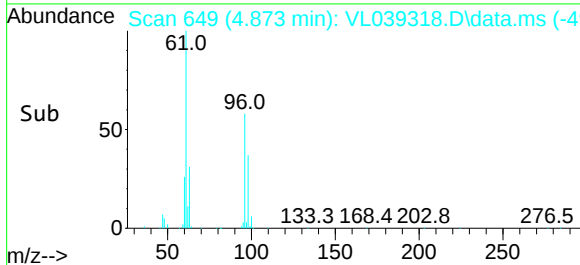
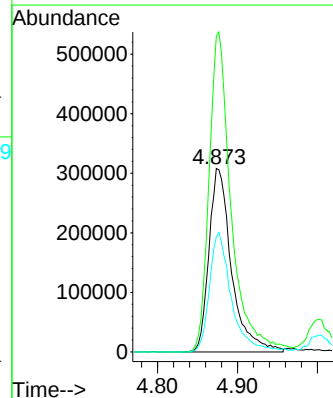
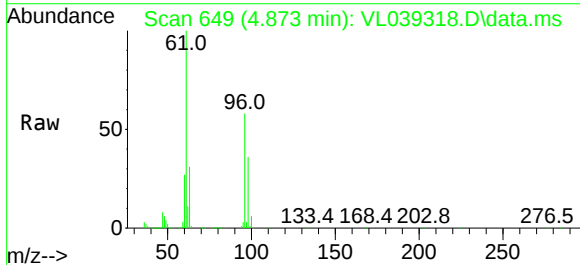
Manual Integrations
 APPROVED

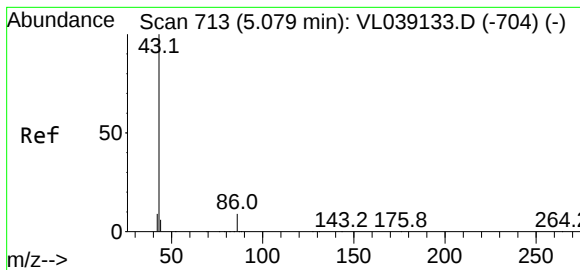
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.099 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. -0.019 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

Tgt Ion: 96 Resp: 606366
 Ion Ratio Lower Upper
 96 100
 61 172.3 126.6 190.0
 98 62.7 52.5 78.7





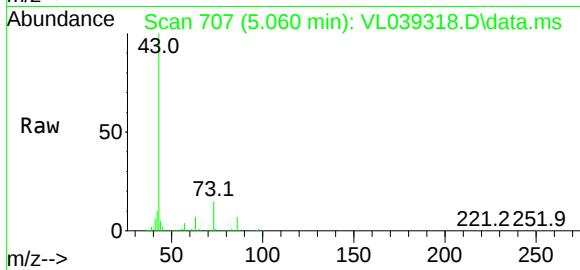
#23
 Vinyl Acetate
 Concen: 8.577 ppbv
 RT: 5.060 min Scan# 707
 Delta R.T. -0.019 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

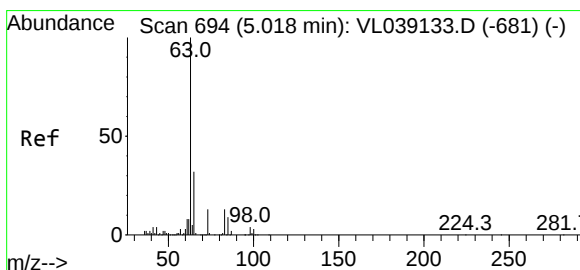
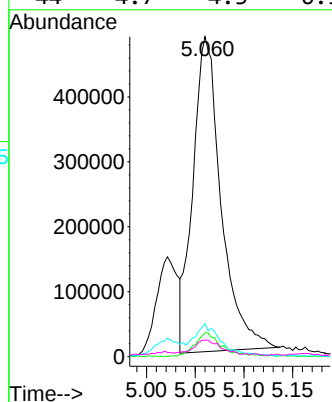
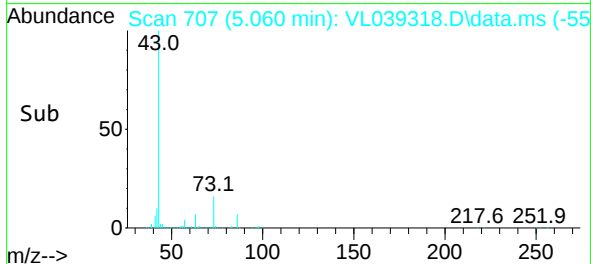


Tgt Ion: 43 Resp: 977970
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.0 9.0
 42 10.1 8.2 12.4
 44 4.7 4.3 6.5

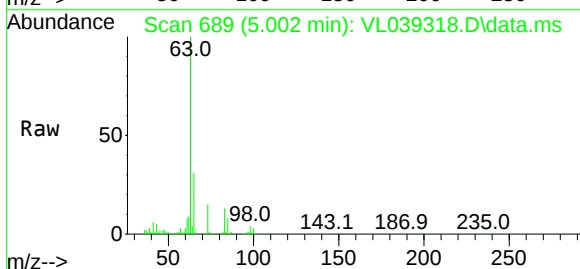
Manual Integrations

APPROVED

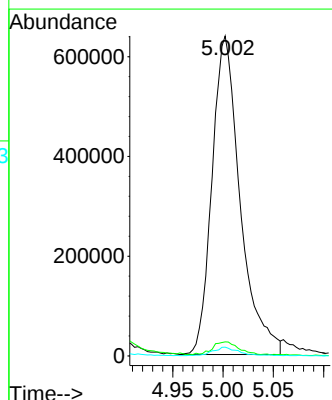
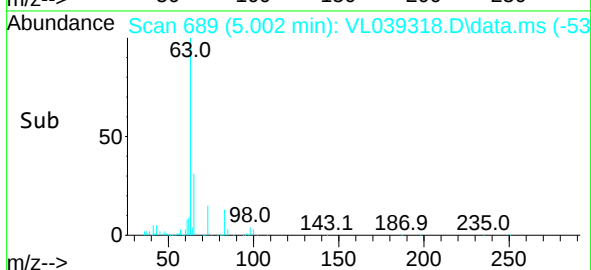
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

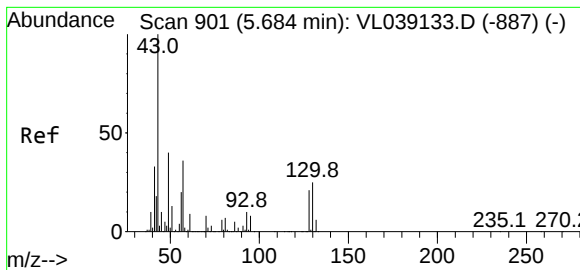


#24
 1,1-Dichloroethane
 Concen: 7.966 ppbv
 RT: 5.002 min Scan# 689
 Delta R.T. -0.016 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04



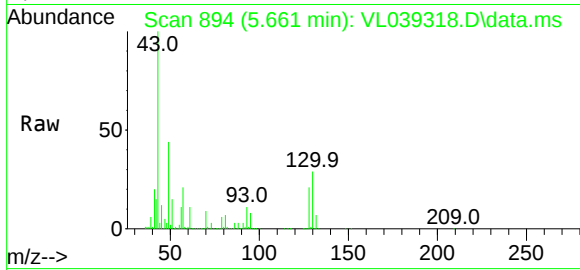
Tgt Ion: 63 Resp: 1244496
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.7 1.5 4.5





#25
Ethyl Acetate
Concen: 10.550 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

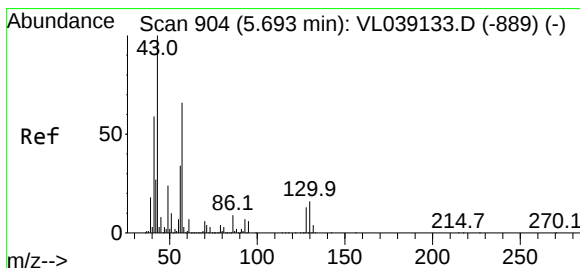
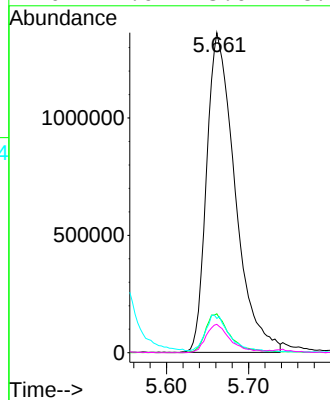
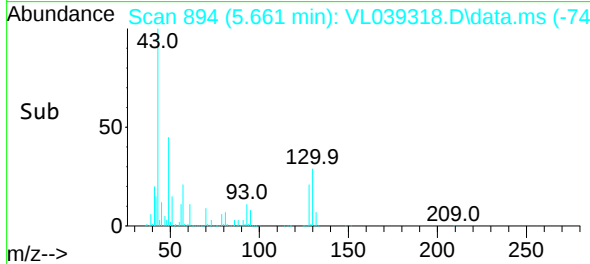


Tgt Ion: 43 Resp: 327696

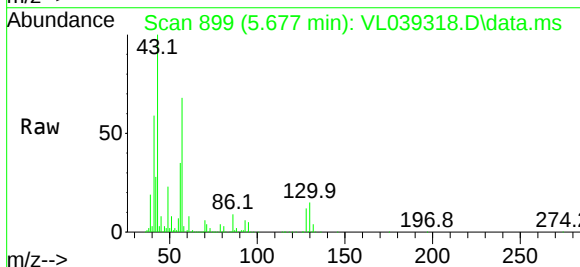
Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.2	12.2
61	10.4	8.4	12.6
70	7.6	5.6	8.4

Manual Integrations
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Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

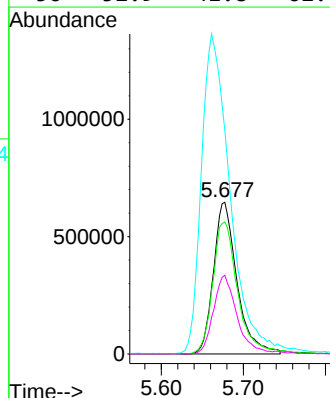
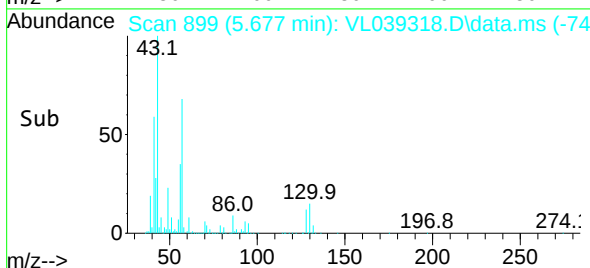


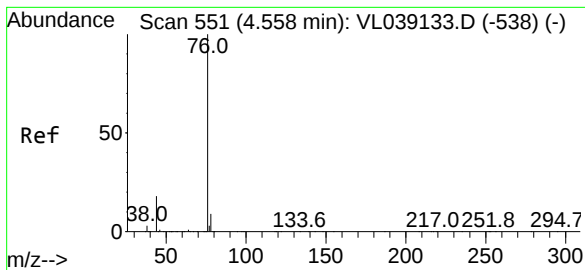
#26
Hexane
Concen: 9.442 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



Tgt Ion: 57 Resp: 1288839

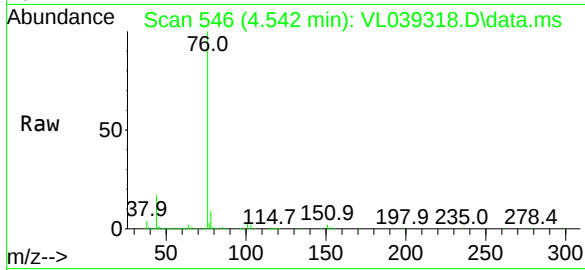
Ion	Ratio	Lower	Upper
57	100		
41	93.2	72.4	108.6
43	260.2	187.0	280.6
56	52.9	41.8	62.6





#27
Carbon Disulfide
Concen: 9.626 ppbv
RT: 4.542 min Scan# 54
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

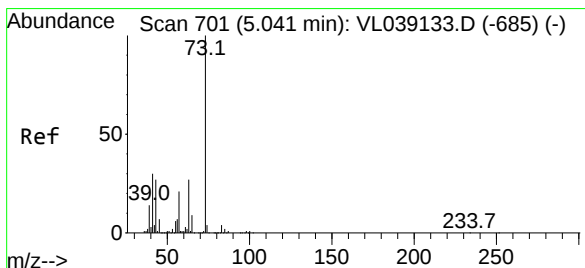
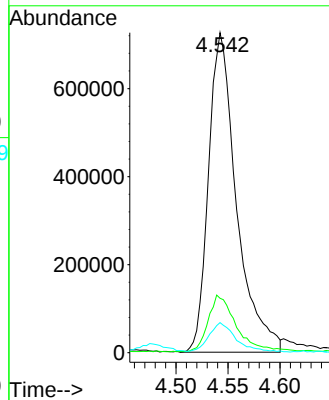
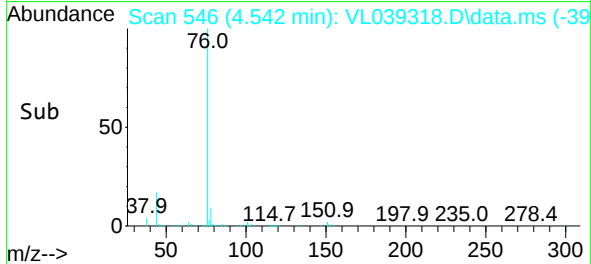
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 136180
Ion Ratio Lower Upper
76 100
44 18.1 14.4 21.6
78 9.4 7.7 11.5

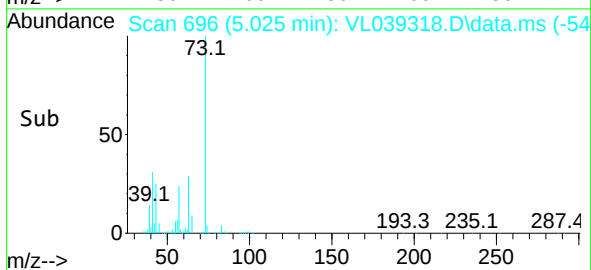
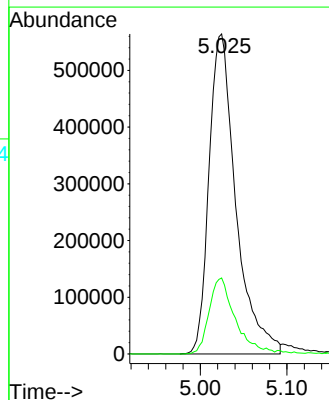
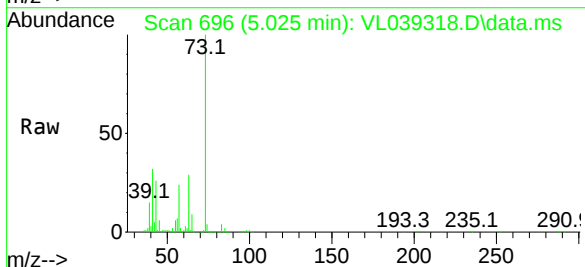
Manual Integrations
APPROVED

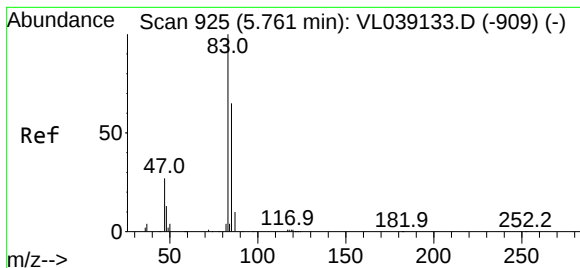
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#28
Methyl tert-Butyl Ether
Concen: 8.074 ppbv
RT: 5.025 min Scan# 696
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

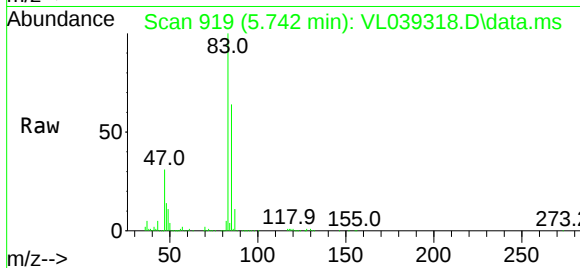
Tgt Ion: 73 Resp: 1216686
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8





#29
Chloroform
Concen: 8.365 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

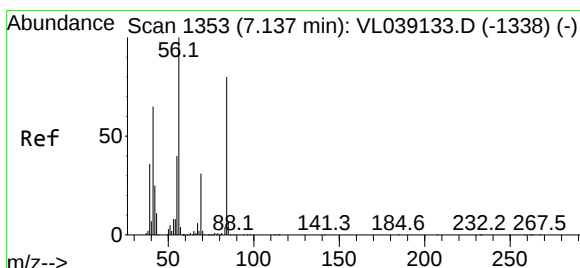
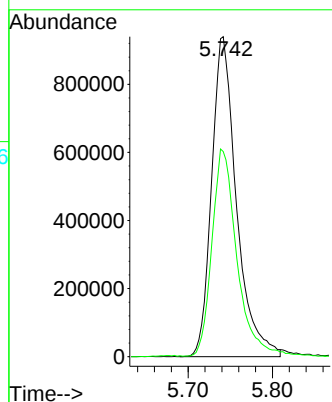
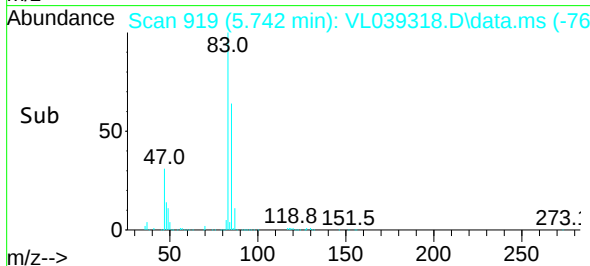
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



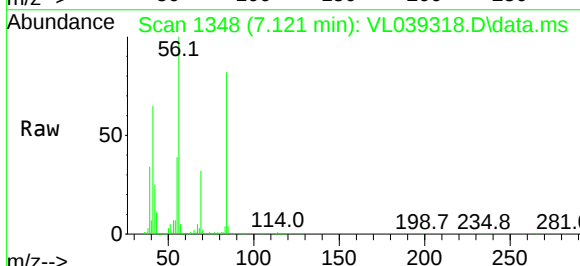
Tgt Ion: 83 Resp: 1921259
Ion Ratio Lower Upper
83 100
85 63.8 52.4 78.6

Manual Integrations
APPROVED

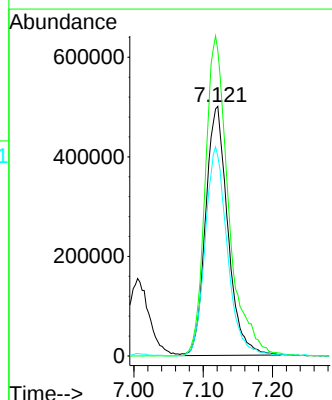
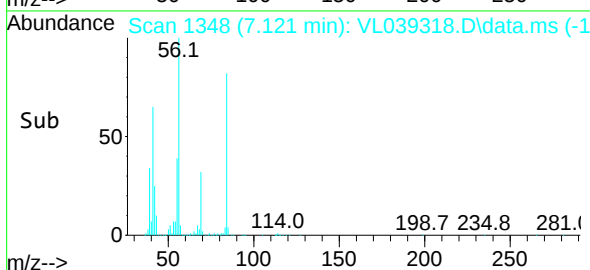
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

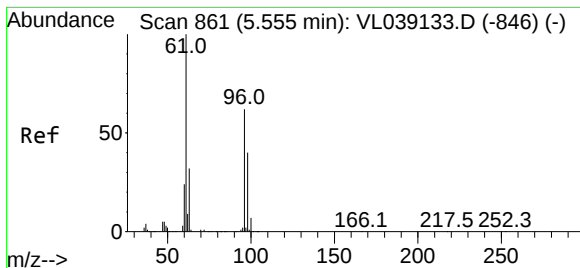


#30
Cyclohexane
Concen: 9.702 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



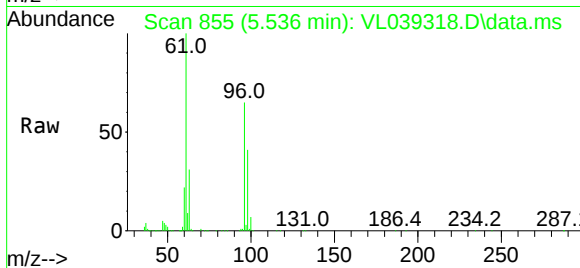
Tgt Ion: 84 Resp: 1112557
Ion Ratio Lower Upper
84 100
56 135.9 110.6 165.8
41 85.0 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 9.012 ppbv
RT: 5.536 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

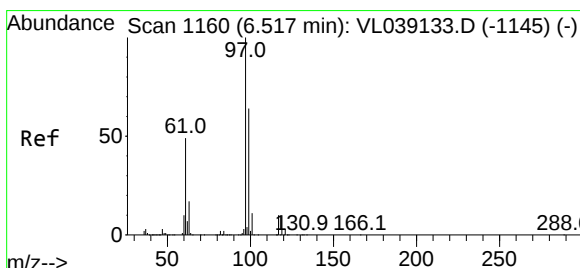
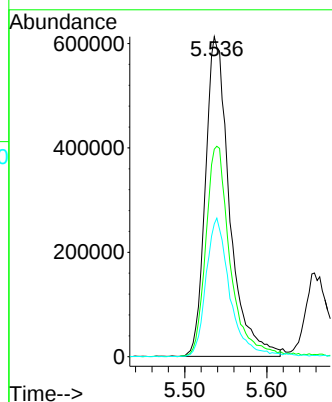
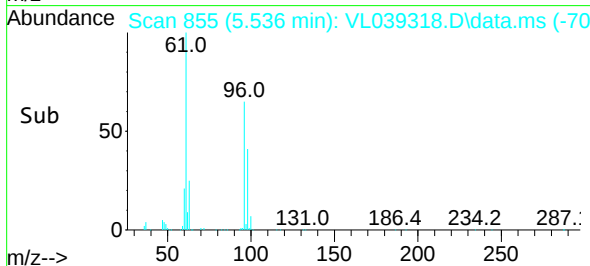
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



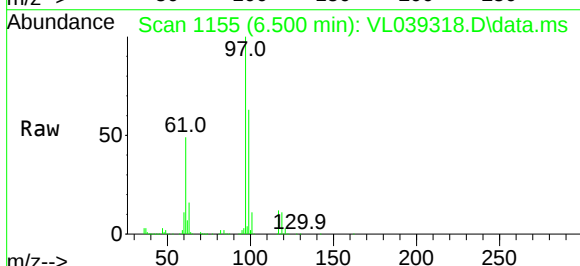
Tgt Ion: 61 Resp: 1254359
Ion Ratio Lower Upper
61 100
96 64.8 49.9 74.9
98 41.4 32.0 48.0

Manual Integrations
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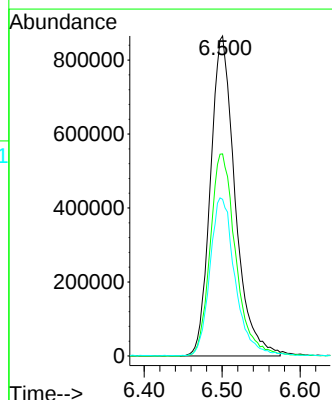
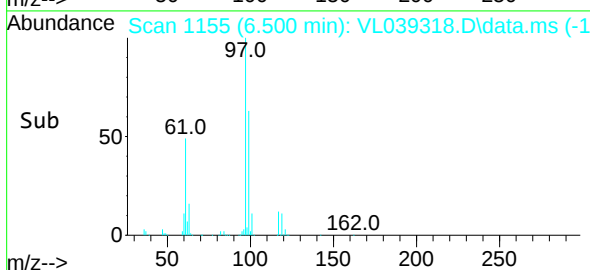
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

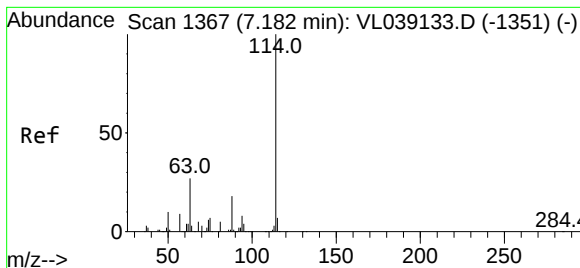


#32
1,1,1-Trichloroethane
Concen: 8.467 ppbv
RT: 6.500 min Scan# 1155
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



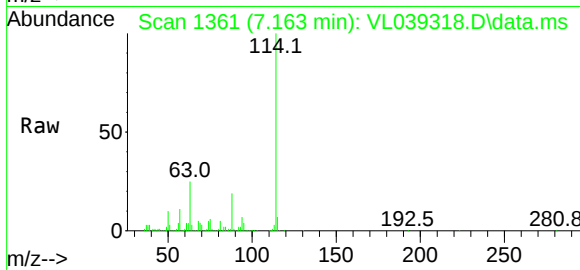
Tgt Ion: 97 Resp: 1902970
Ion Ratio Lower Upper
97 100
99 65.4 52.1 78.1
61 50.5 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

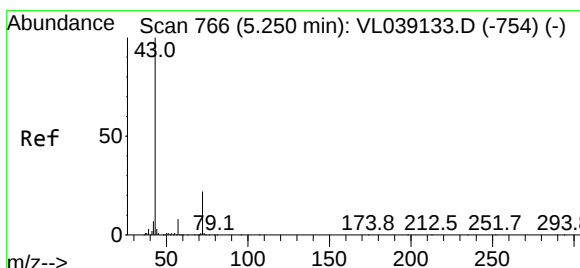
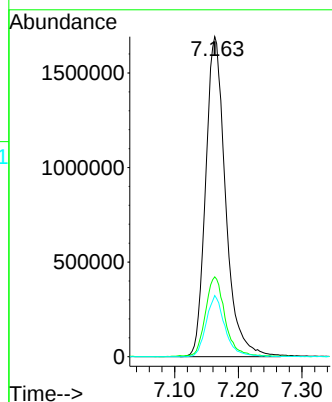
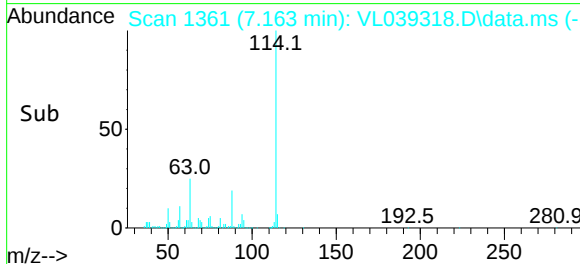
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



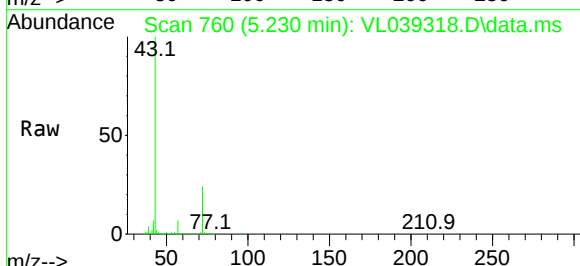
Tgt Ion:114 Resp: 3681470
Ion Ratio Lower Upper
114 100
63 24.9 21.7 32.5
88 18.1 14.8 22.2

Manual Integrations
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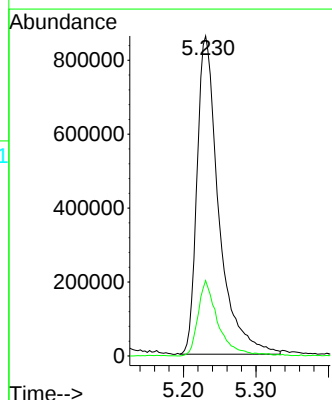
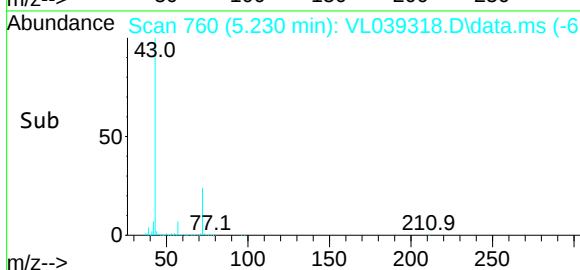
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

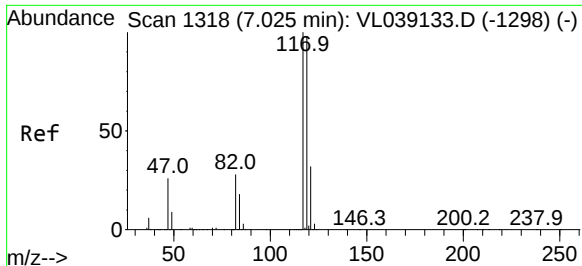


#34
2-Butanone
Concen: 8.980 ppbv
RT: 5.230 min Scan# 760
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



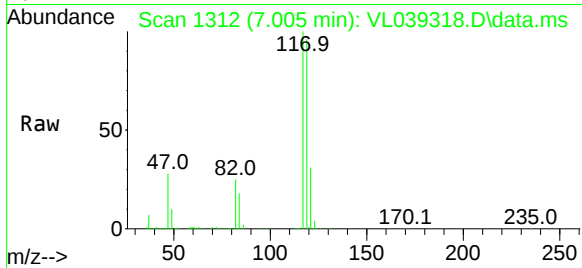
Tgt Ion: 43 Resp: 1796164
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.2





#35
Carbon Tetrachloride
Concen: 7.324 ppbv
RT: 7.005 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

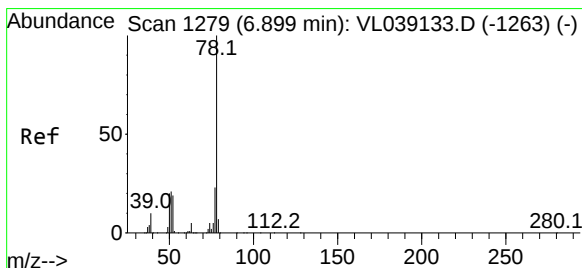
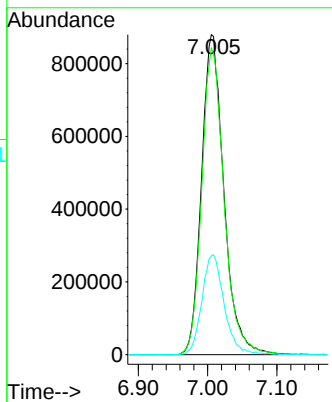
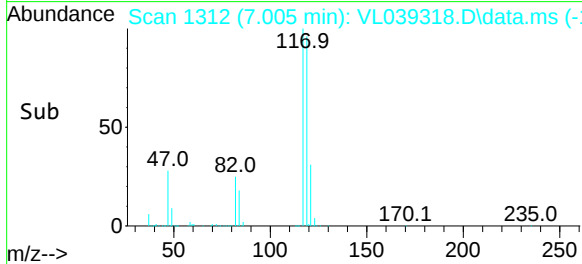
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



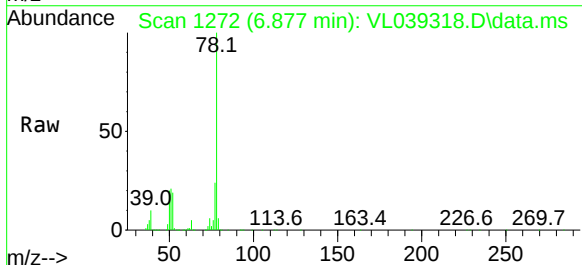
Tgt Ion:117 Resp: 1968104
Ion Ratio Lower Upper
117 100
119 95.7 78.6 118.0
121 30.8 25.4 38.0

Manual Integrations
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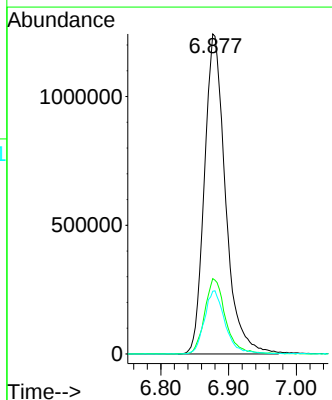
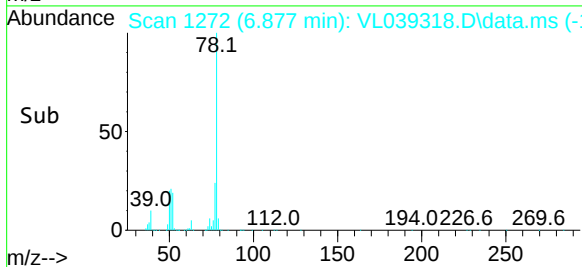
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

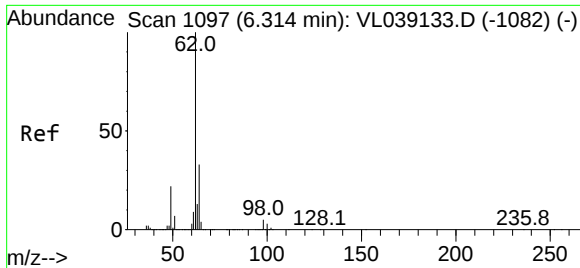


#36
Benzene
Concen: 8.962 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



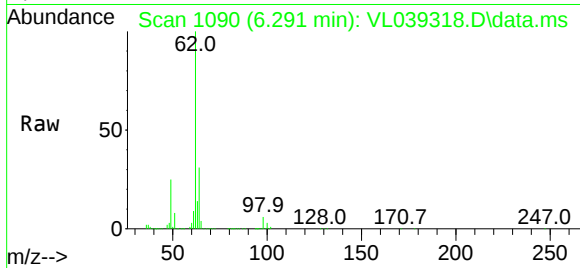
Tgt Ion: 78 Resp: 2678476
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8
50 19.6 15.8 23.8





#37
1,2-Dichloroethane
Concen: 7.227 ppbv
RT: 6.291 min Scan# 1097
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

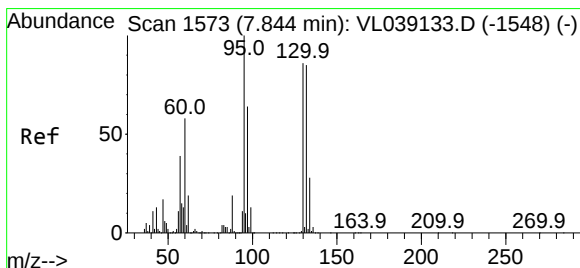
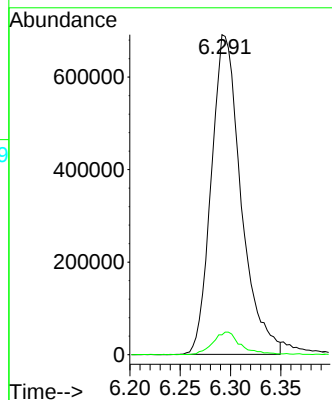
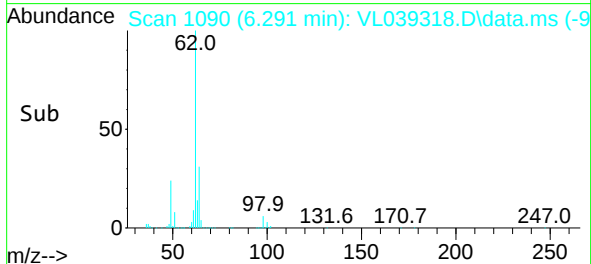
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1421554
Ion Ratio Lower Upper
62 100
98 7.0 4.3 6.5

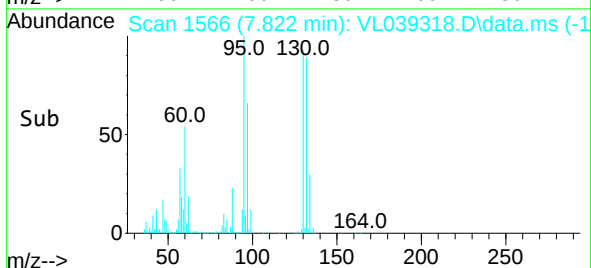
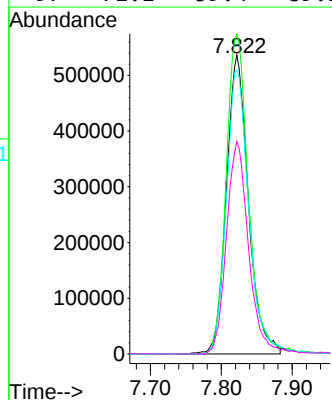
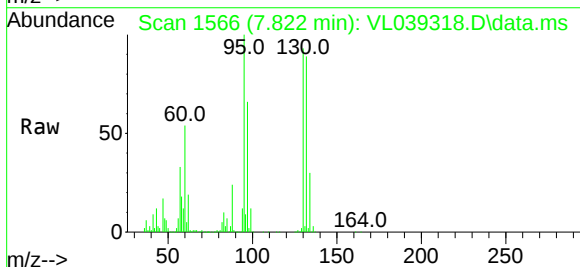
Manual Integrations
APPROVED

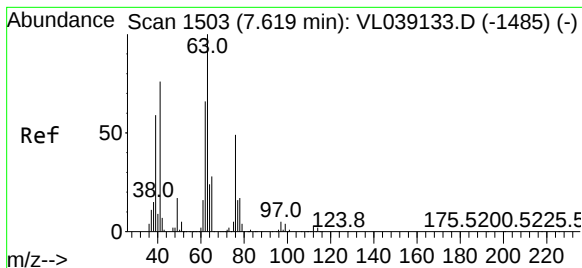
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#38
Trichloroethene
Concen: 8.406 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

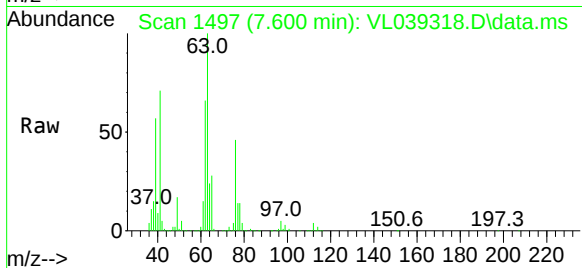
Tgt Ion:130 Resp: 1153986
Ion Ratio Lower Upper
130 100
95 107.0 93.3 139.9
132 95.0 79.0 118.4
97 71.1 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.522 ppbv
RT: 7.600 min Scan# 1497
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

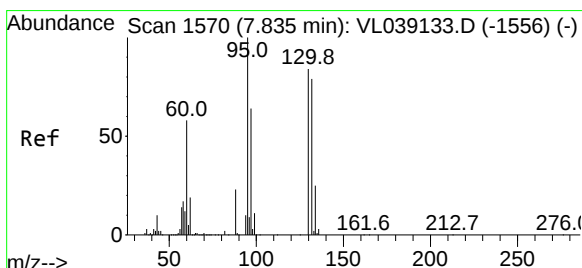
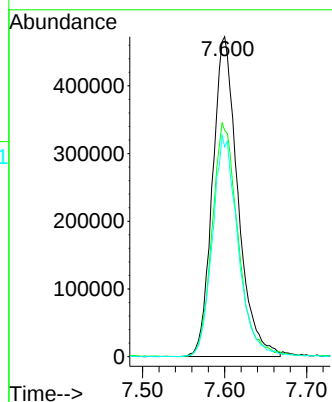
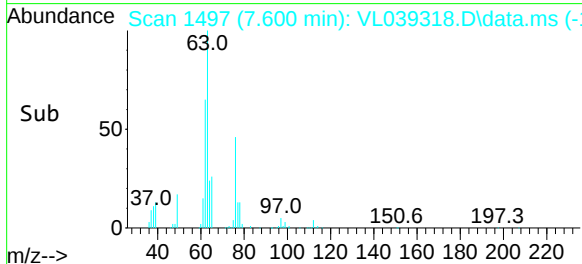
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



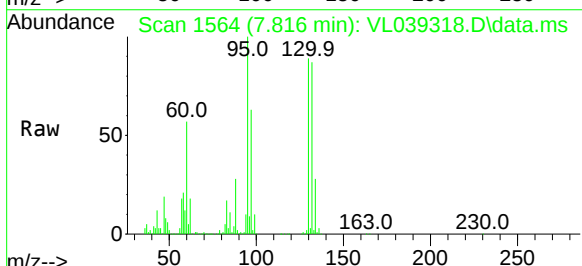
Tgt Ion: 63 Resp: 101315
Ion Ratio Lower Upper
63 100
41 70.8 60.8 91.2
62 65.5 52.9 79.3

Manual Integrations
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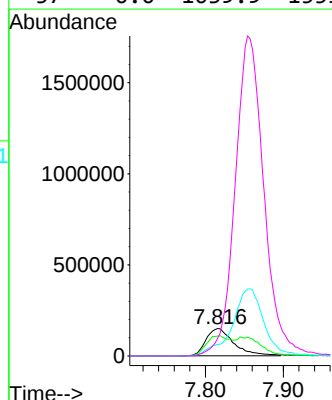
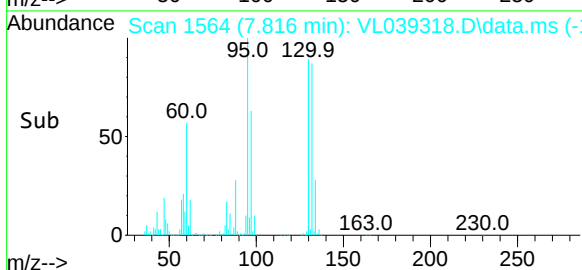
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

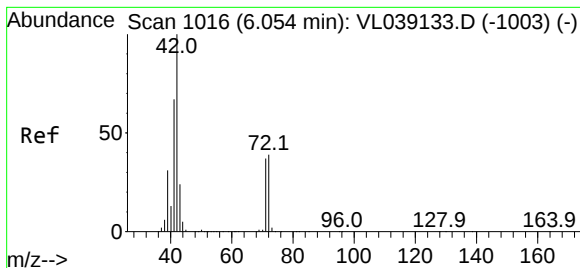


#40
1,4-Dioxane
Concen: 9.510 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



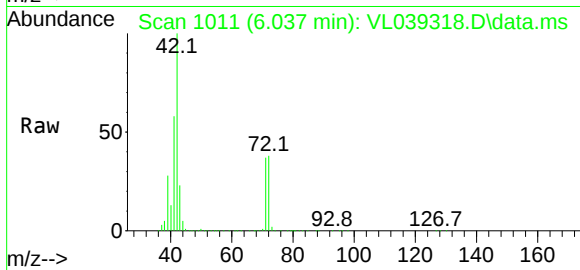
Tgt Ion: 88 Resp: 372206
Ion Ratio Lower Upper
88 100
58 63.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 8.901 ppbv
RT: 6.037 min Scan# 1016
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

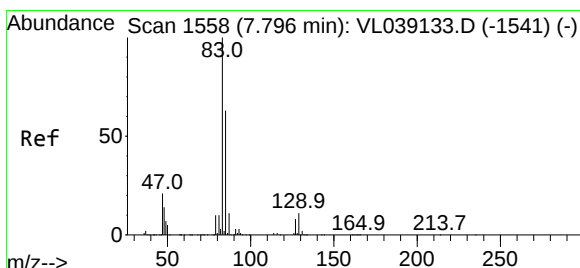
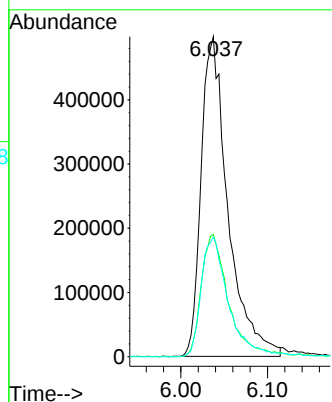
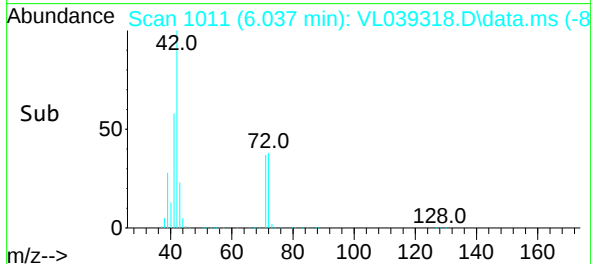
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 107072
Ion Ratio Lower Upper
42 100
72 39.5 32.0 48.0
71 38.5 31.1 46.7

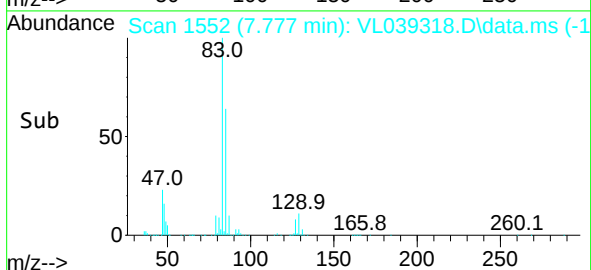
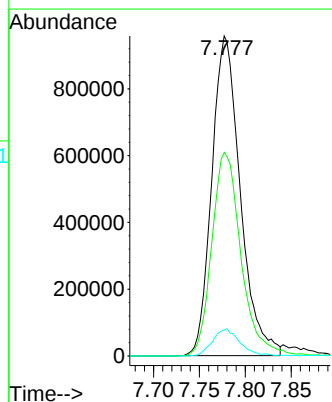
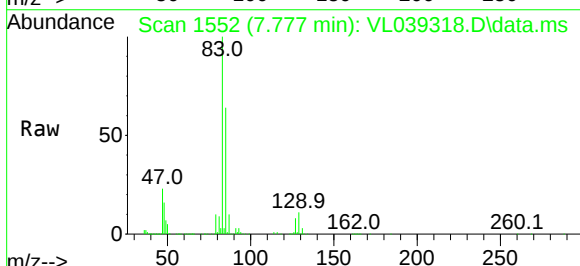
Manual Integrations
APPROVED

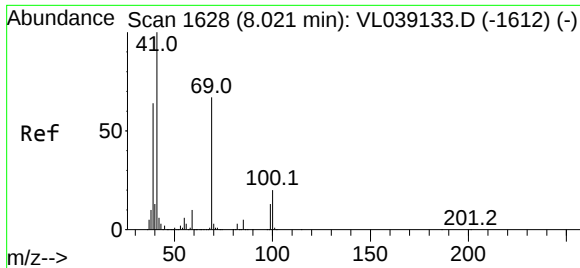
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#42
Bromodichloromethane
Concen: 7.576 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Tgt Ion: 83 Resp: 2068254
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.4
127 8.1 6.6 9.8





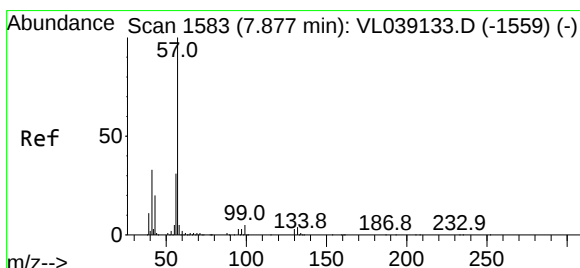
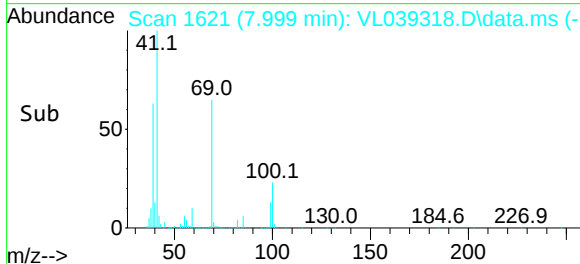
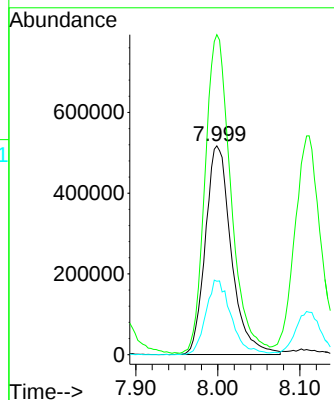
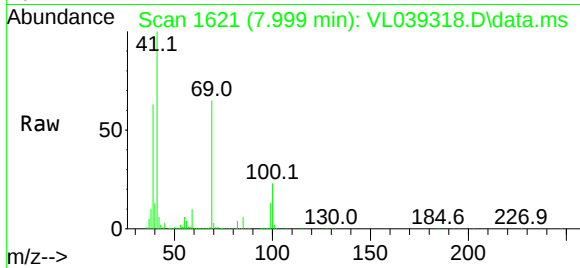
#43
Methyl Methacrylate
Concen: 9.732 ppbv
RT: 7.999 min Scan# 1
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 1133028
Ion Ratio Lower Upper
69 100
41 153.7 121.9 182.9
100 35.1 24.1 36.1

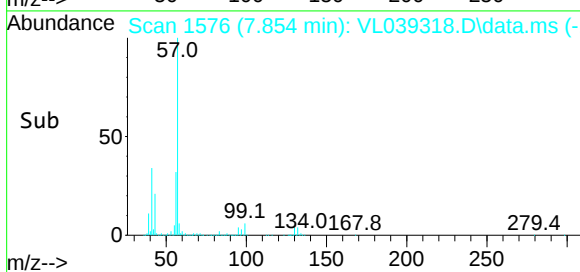
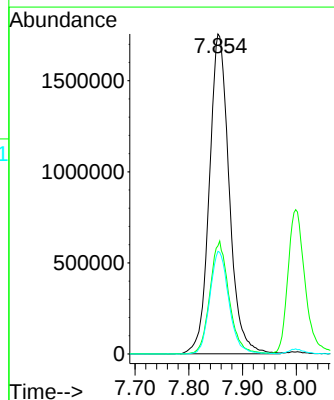
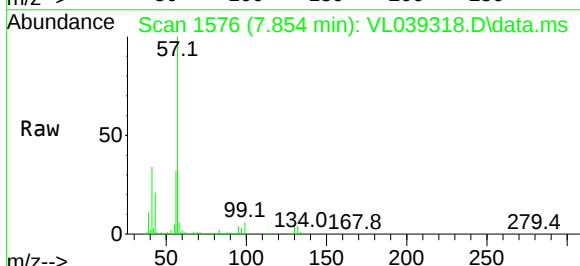
Manual Integrations
APPROVED

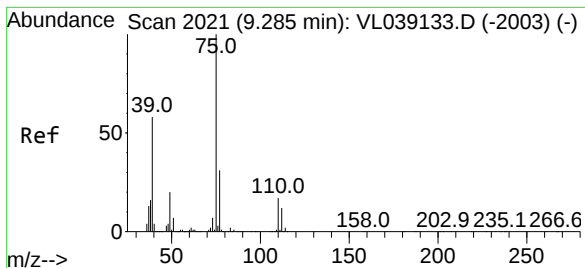
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#44
2,2,4-Trimethylpentane
Concen: 8.613 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

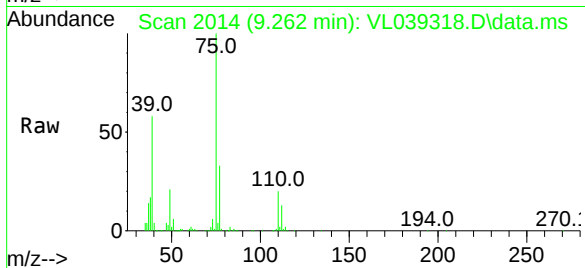
Tgt Ion: 57 Resp: 4503285
Ion Ratio Lower Upper
57 100
41 33.9 26.2 39.4
56 30.9 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 7.046 ppbv
RT: 9.262 min Scan# 20
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

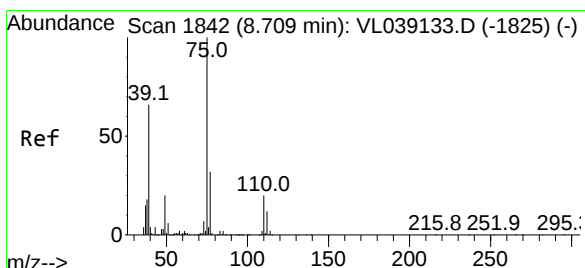
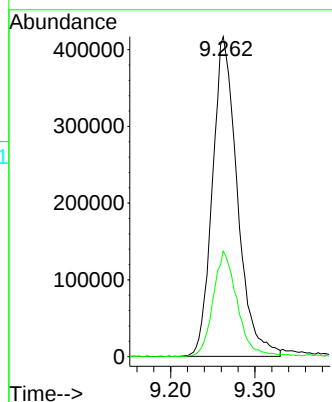
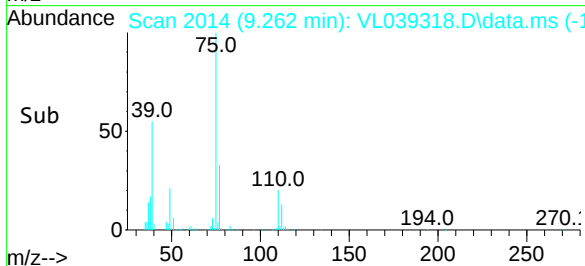
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



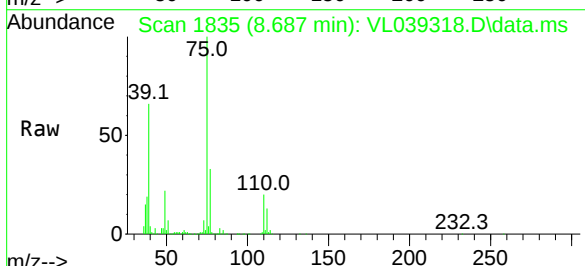
Tgt Ion: 75 Resp: 85435
Ion Ratio Lower Upper
75 100
77 33.0 24.4 36.6

Manual Integrations
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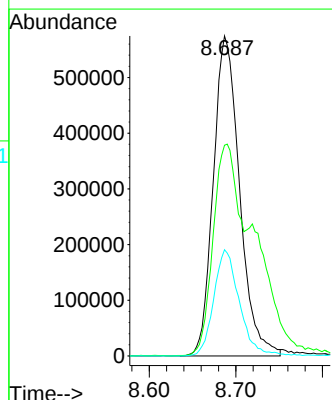
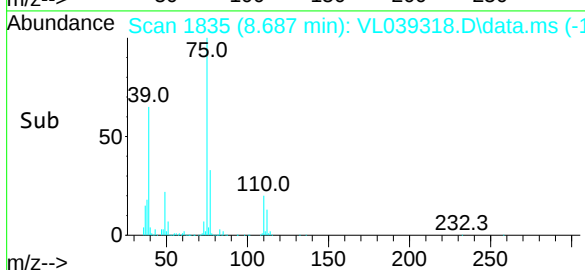
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

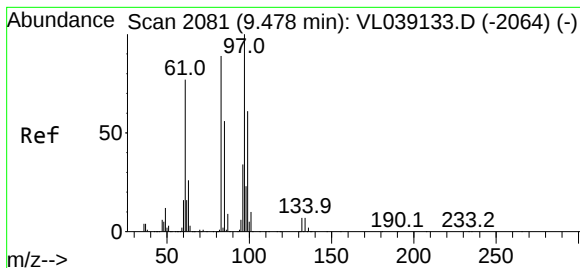


#46
cis-1,3-Dichloropropene
Concen: 7.562 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



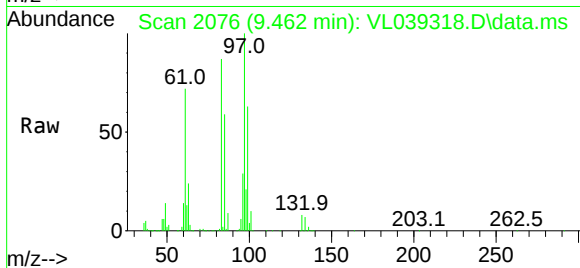
Tgt Ion: 75 Resp: 1211211
Ion Ratio Lower Upper
75 100
39 65.7 52.4 78.6
77 33.2 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 8.926 ppbv
RT: 9.462 min Scan# 2081
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

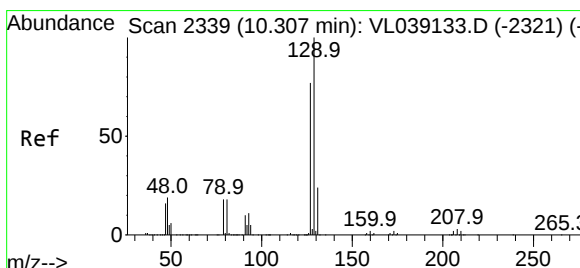
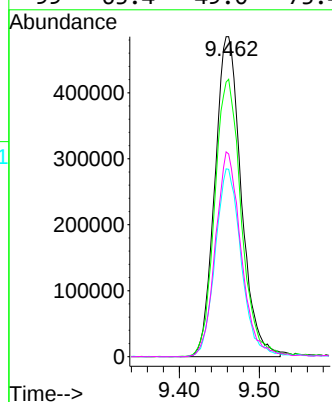
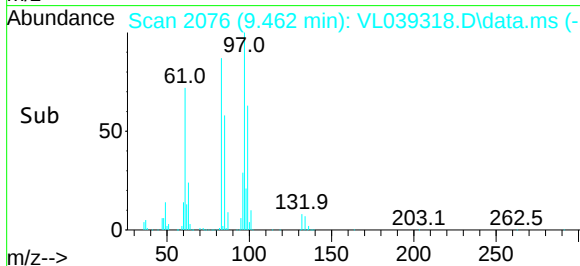
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



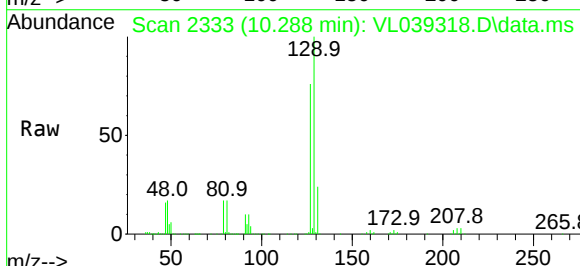
Tgt Ion: 97 Resp: 110703
Ion Ratio Lower Upper
97 100
83 86.6 71.6 107.4
85 58.6 44.8 67.2
99 63.4 49.0 73.4

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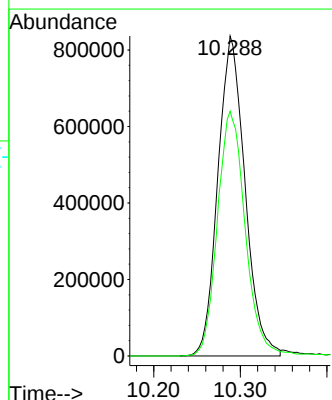
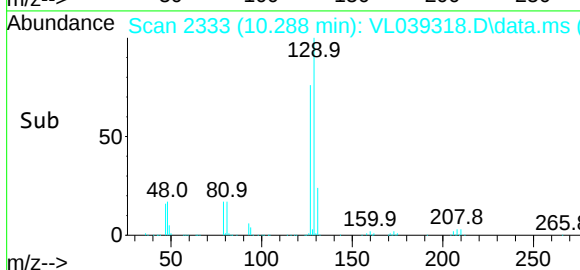
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

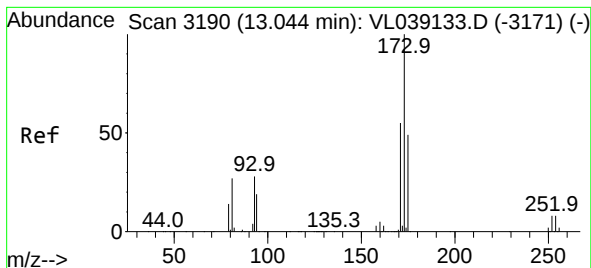


#48
Dibromochloromethane
Concen: 8.205 ppbv
RT: 10.288 min Scan# 2333
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



Tgt Ion:129 Resp: 1817155
Ion Ratio Lower Upper
129 100
127 79.3 40.0 119.9





#49

Bromoform

Concen: 8.481 ppbv

RT: 13.024 min Scan# 3190

Delta R.T. -0.019 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 156525

Ion Ratio Lower Upper

173 100

175 50.4 40.2 60.2

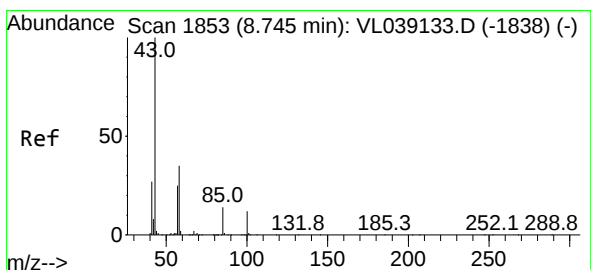
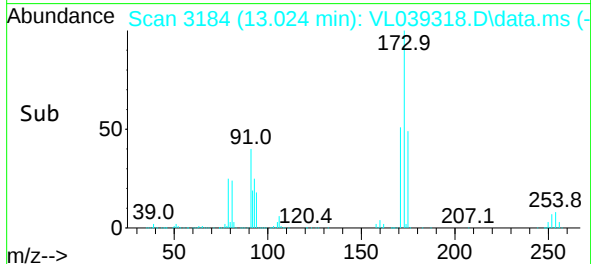
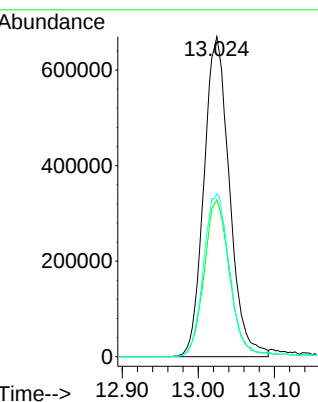
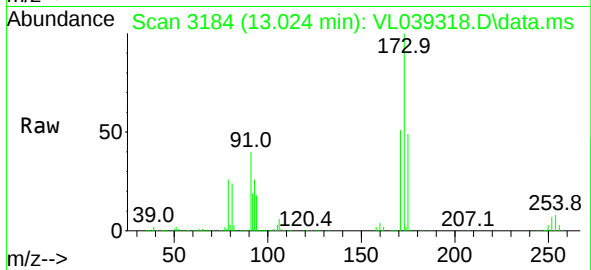
171 52.9 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#50

4-Methyl-2-Pentanone

Concen: 9.200 ppbv

RT: 8.725 min Scan# 1847

Delta R.T. -0.019 min

Lab File: VL039318.D

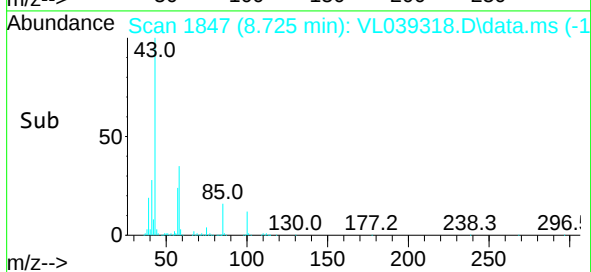
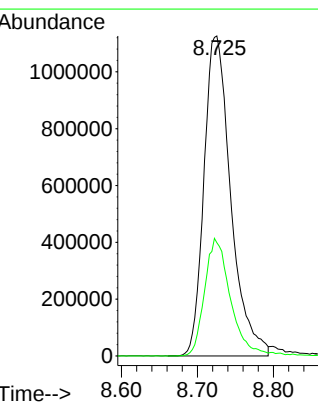
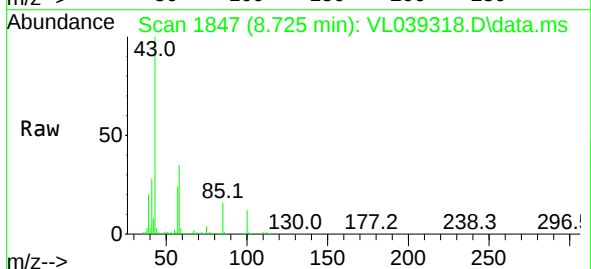
Acq: 16 Jun 2022 12:04

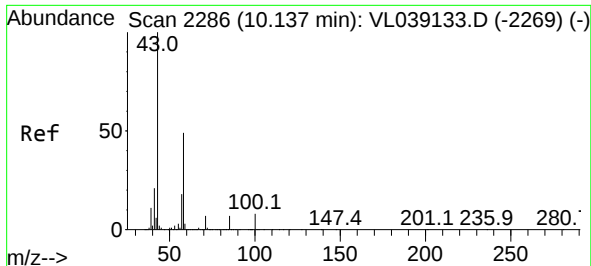
Tgt Ion: 43 Resp: 2754455

Ion Ratio Lower Upper

43 100

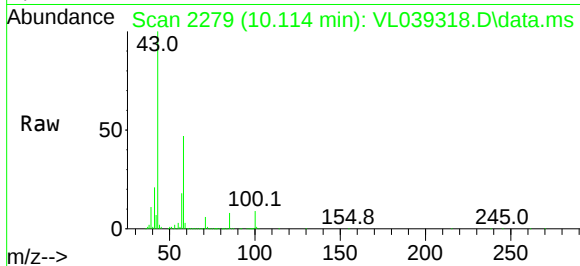
58 36.1 28.7 43.1





#51
2-Hexanone
Concen: 9.200 ppbv
RT: 10.114 min Scan# 2143229
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

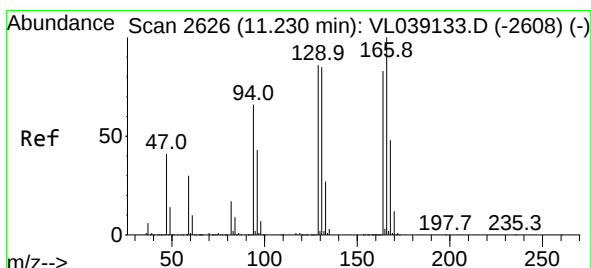
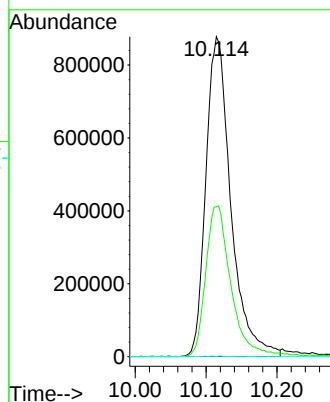
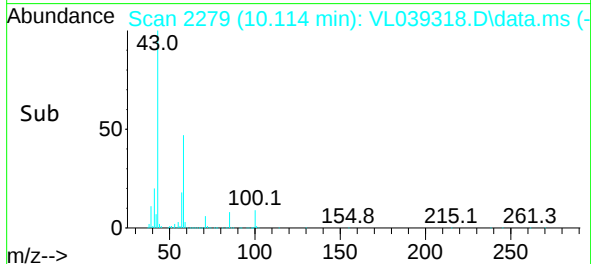
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



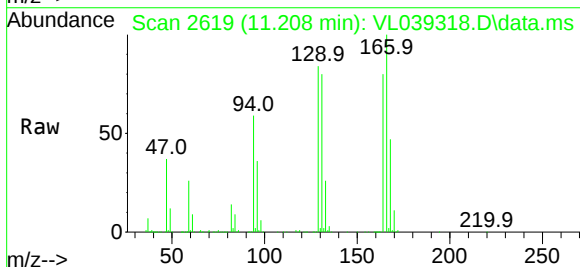
Tgt Ion: 43 Resp: 2143229
Ion Ratio Lower Upper
43 100
58 48.5 40.0 60.0
98 0.2 0.1 0.1

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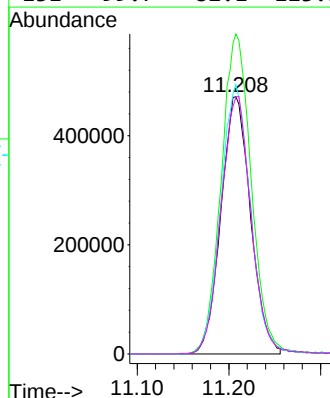
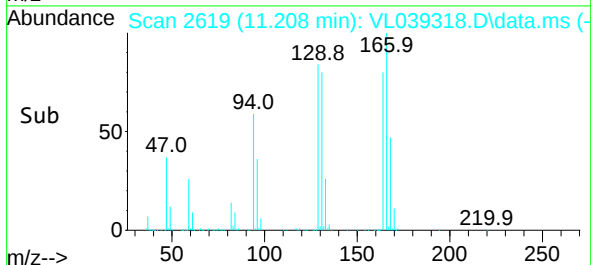
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

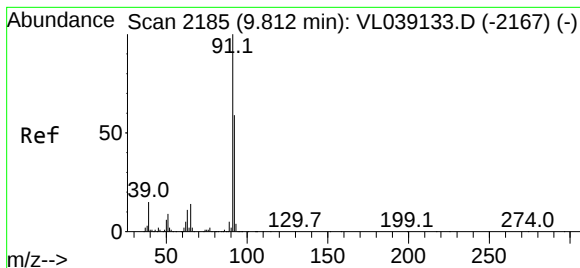


#52
Tetrachloroethene
Concen: 9.069 ppbv
RT: 11.208 min Scan# 2619
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



Tgt Ion:164 Resp: 1058358
Ion Ratio Lower Upper
164 100
166 124.3 96.3 144.5
129 104.6 82.5 123.7
131 99.7 82.1 123.1





#53

Toluene

Concen: 9.364 ppbv

RT: 9.790 min Scan# 2185

Delta R.T. -0.023 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 322265

Ion Ratio Lower Upper

91 100

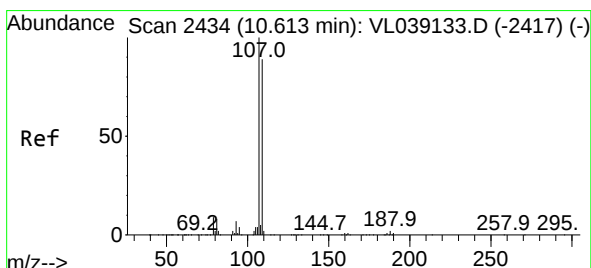
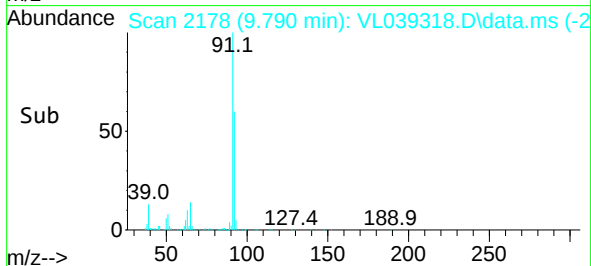
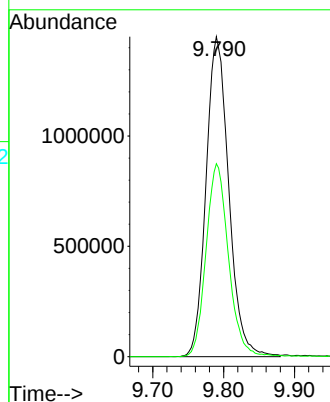
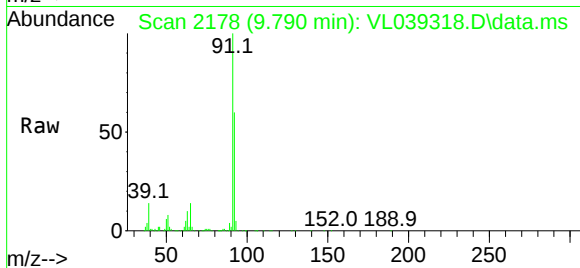
92 60.1 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#54

1,2-Dibromoethane

Concen: 9.335 ppbv

RT: 10.597 min Scan# 2429

Delta R.T. -0.016 min

Lab File: VL039318.D

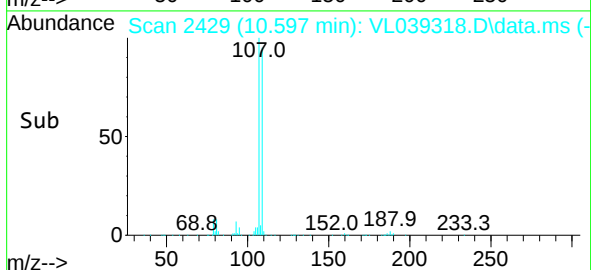
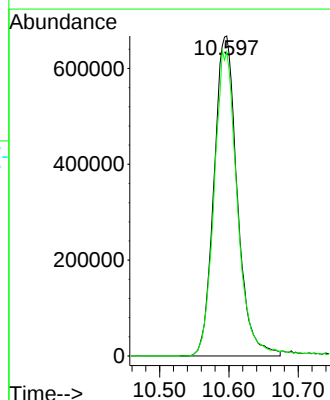
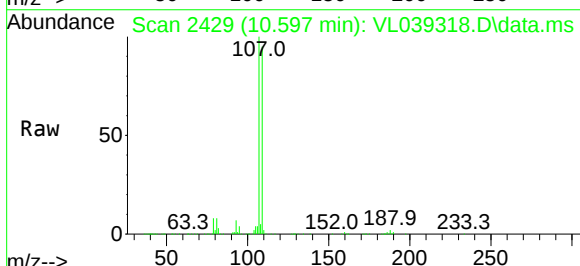
Acq: 16 Jun 2022 12:04

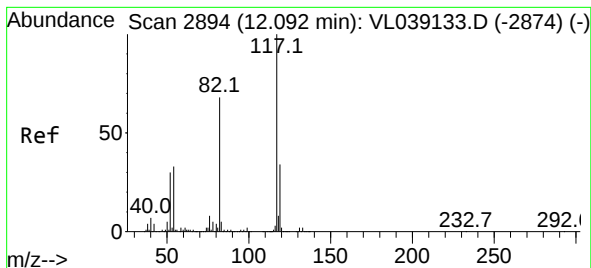
Tgt Ion:107 Resp: 1555750

Ion Ratio Lower Upper

107 100

109 95.1 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.069 min Scan# 2887

Delta R.T. -0.023 min

Lab File: VL039318.D

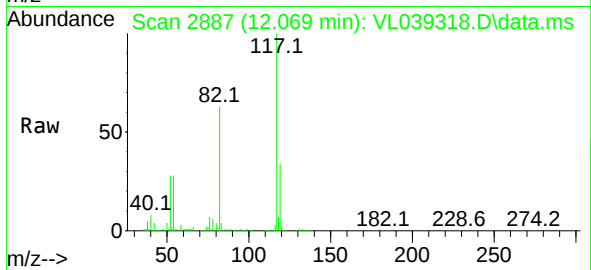
Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 345301

Ion Ratio Lower Upper

117 100

82 66.4 55.1 82.7

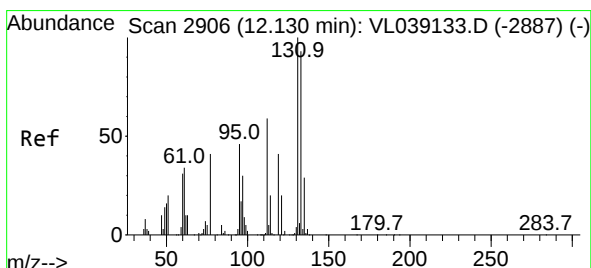
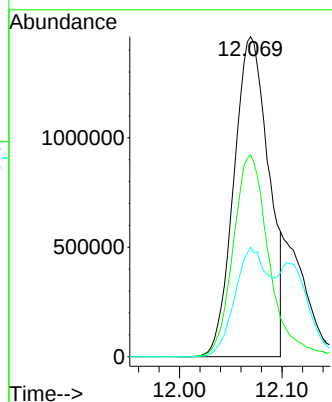
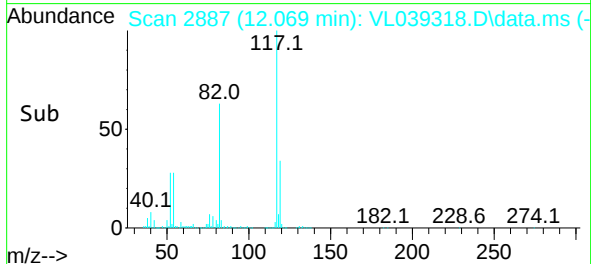
119 33.0 24.7 37.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.744 ppbv

RT: 12.111 min Scan# 2900

Delta R.T. -0.019 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

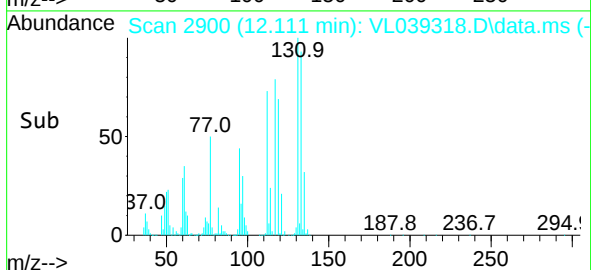
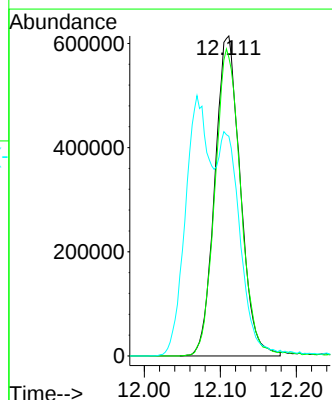
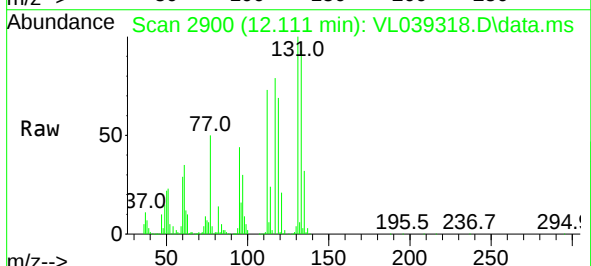
Tgt Ion:131 Resp: 1428703

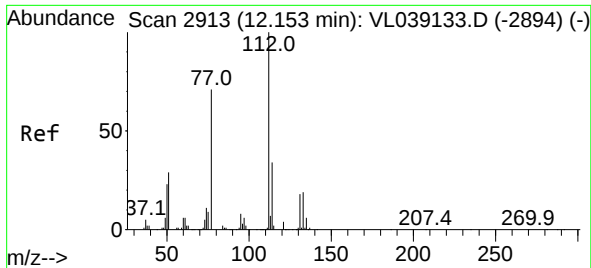
Ion Ratio Lower Upper

131 100

133 98.0 78.6 117.8

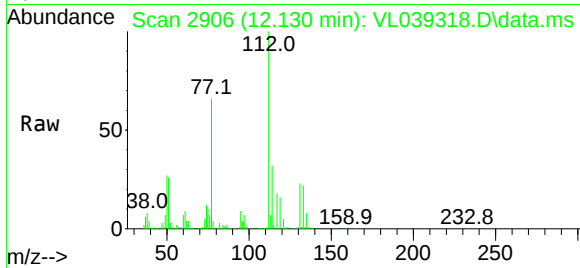
119 64.4 51.7 77.5





#57
Chlorobenzene
Concen: 9.238 ppbv
RT: 12.130 min Scan# 2913
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

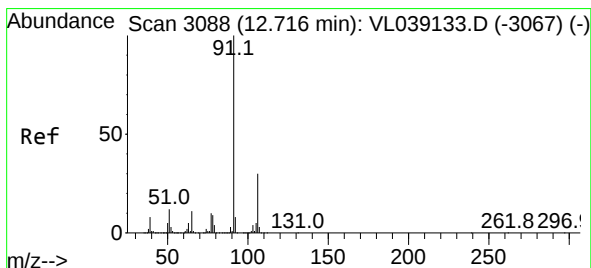
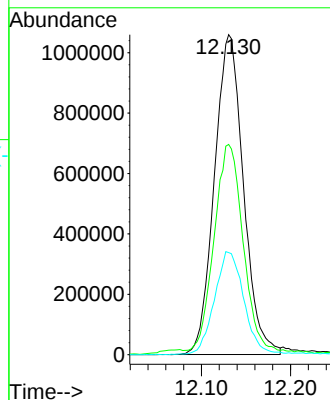
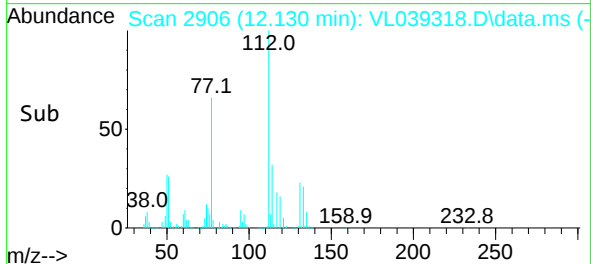
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



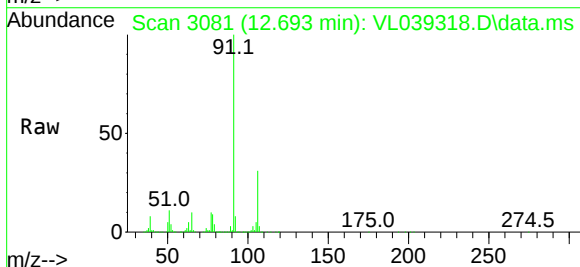
Tgt Ion: 112 Resp: 240026
Ion Ratio Lower Upper
112 100
77 64.4 56.5 84.7
114 31.6 30.3 37.1

Manual Integrations
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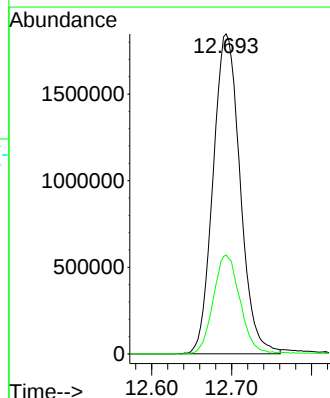
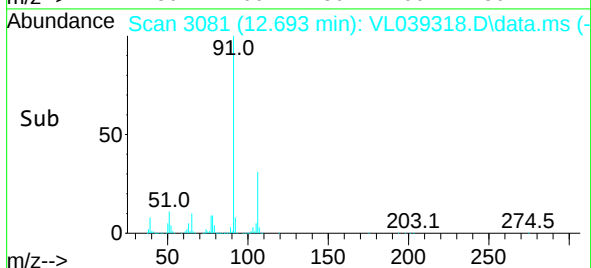
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

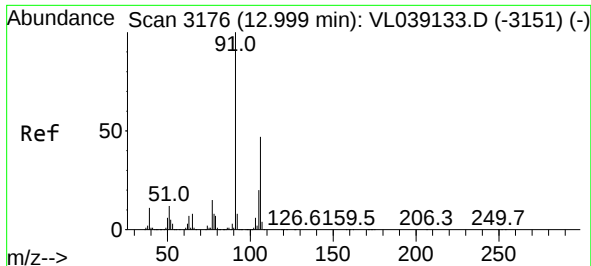


#58
Ethyl Benzene
Concen: 9.116 ppbv
RT: 12.693 min Scan# 3081
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



Tgt Ion: 91 Resp: 4336082
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4





#59

m/p-Xylene

Concen: 17.524 ppbv m

RT: 12.976 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 7339924

Ion Ratio Lower Upper

91 100

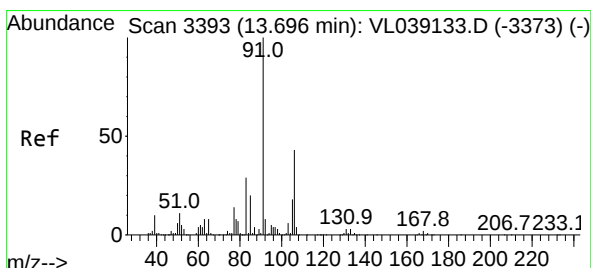
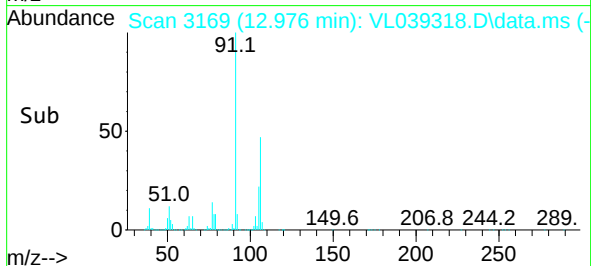
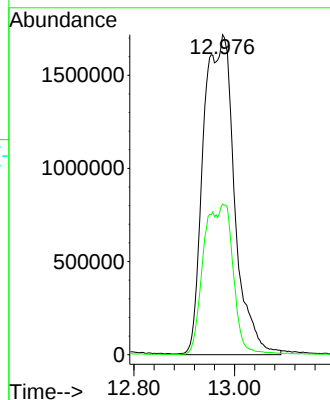
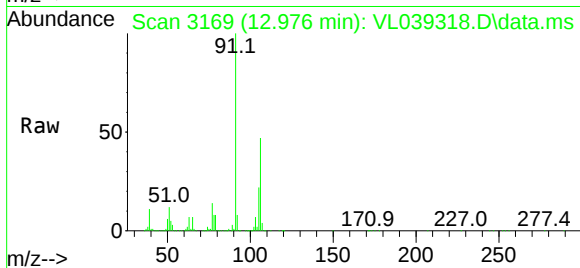
106 45.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#60

o-Xylene

Concen: 8.897 ppbv

RT: 13.674 min Scan# 3386

Delta R.T. -0.023 min

Lab File: VL039318.D

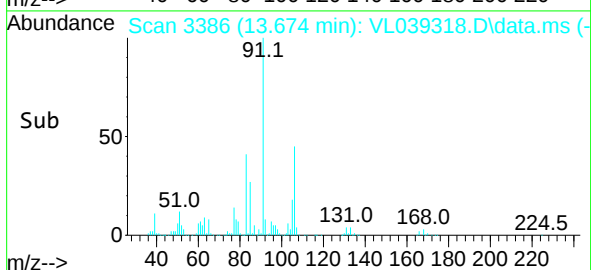
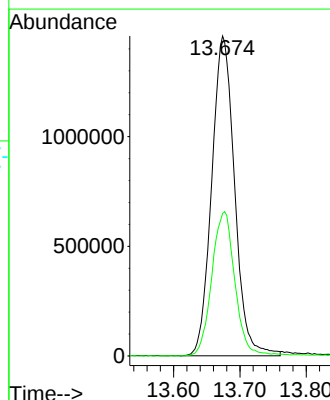
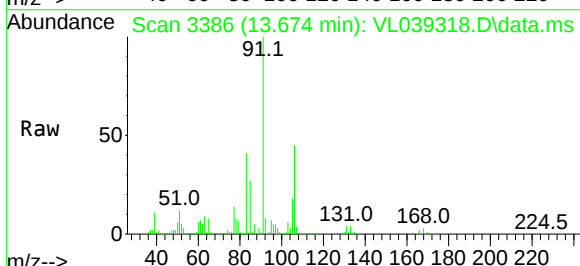
Acq: 16 Jun 2022 12:04

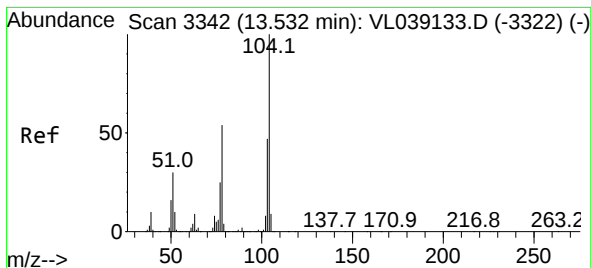
Tgt Ion: 91 Resp: 3501649

Ion Ratio Lower Upper

91 100

106 46.1 22.3 66.9





#61

Styrene

Concen: 9.802 ppbv

RT: 13.510 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL039318.D

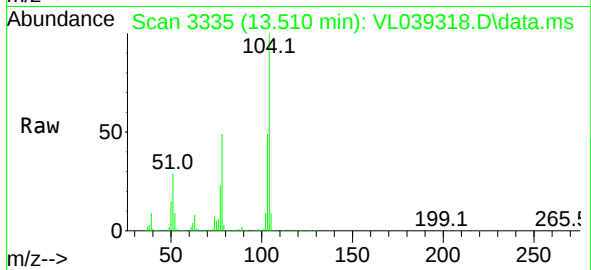
Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:104 Resp: 206581

Ion Ratio Lower Upper

104 100

78 51.1 45.7 68.5

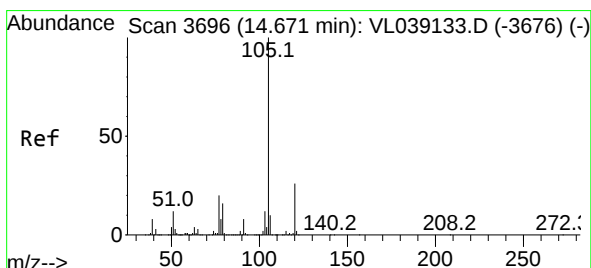
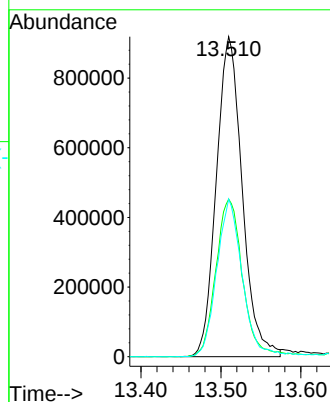
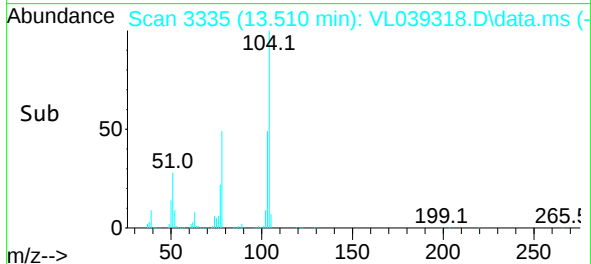
103 48.8 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#62

Isopropylbenzene

Concen: 9.296 ppbv

RT: 14.648 min Scan# 3689

Delta R.T. -0.023 min

Lab File: VL039318.D

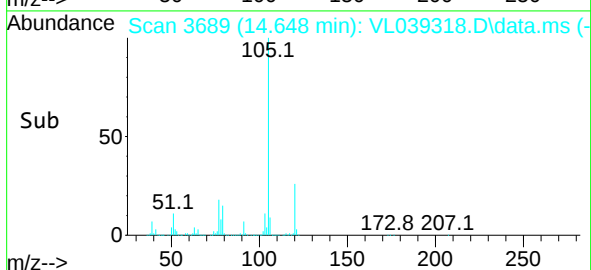
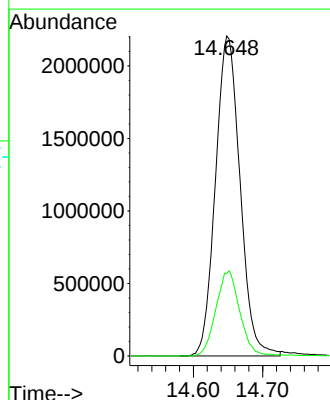
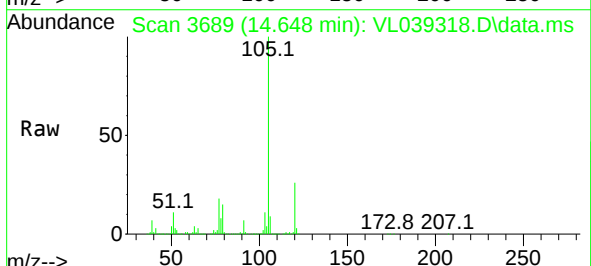
Acq: 16 Jun 2022 12:04

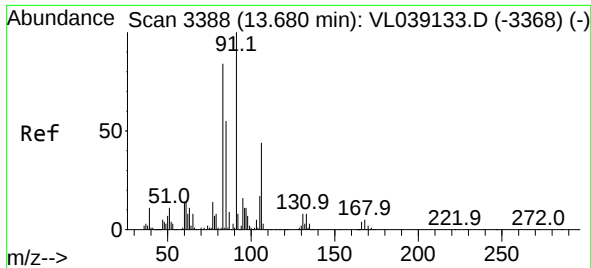
Tgt Ion:105 Resp: 5437671

Ion Ratio Lower Upper

105 100

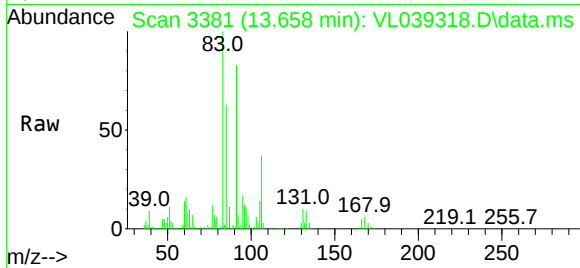
120 26.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.108 ppbv
RT: 13.658 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

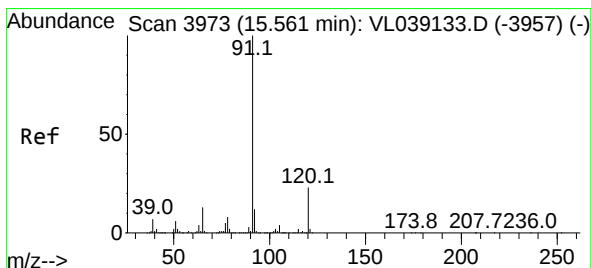
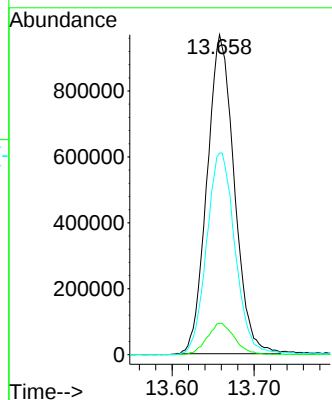
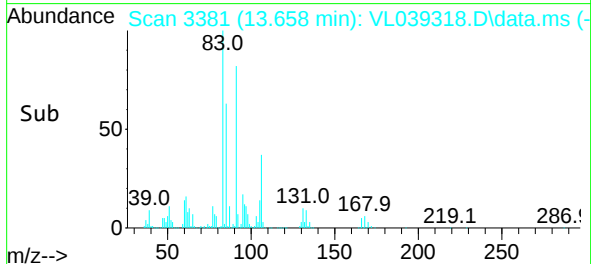
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 223296
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 66.4 33.0 99.0

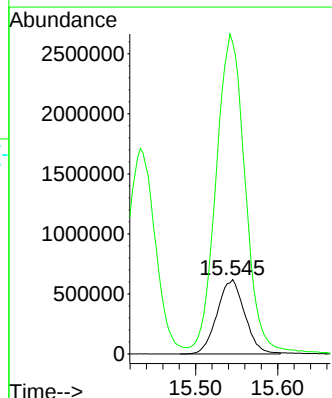
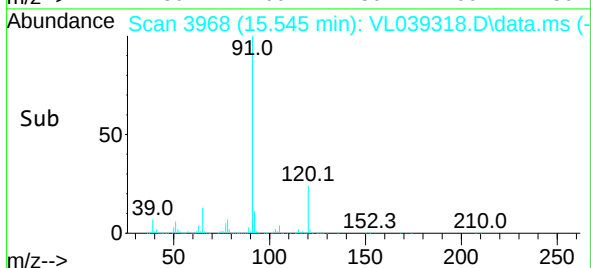
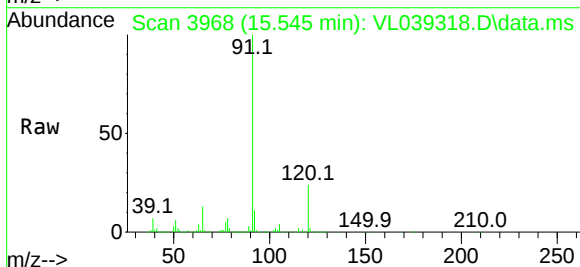
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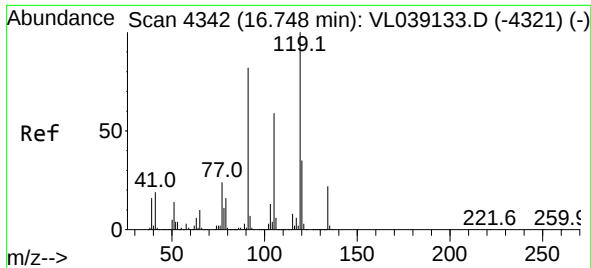
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#64
n-propylbenzene
Concen: 10.059 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

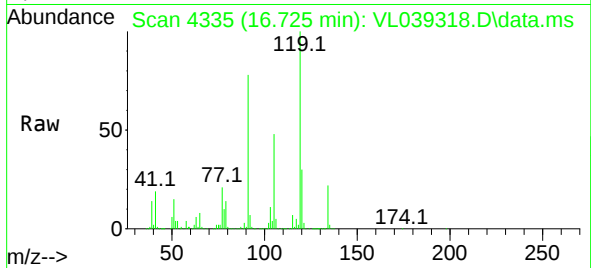
Tgt Ion:120 Resp: 1446414
Ion Ratio Lower Upper
120 100
91 459.3 388.4 582.6





#65
tert-Butylbenzene
Concen: 9.279 ppbv
RT: 16.725 min Scan# 411
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

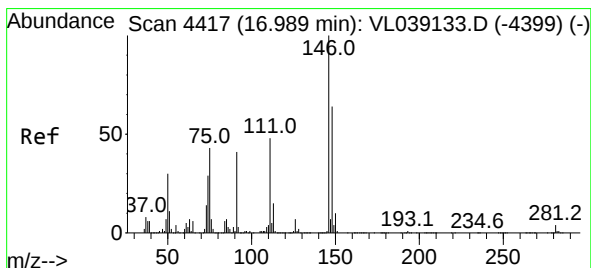
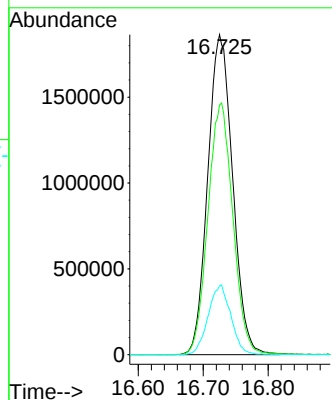
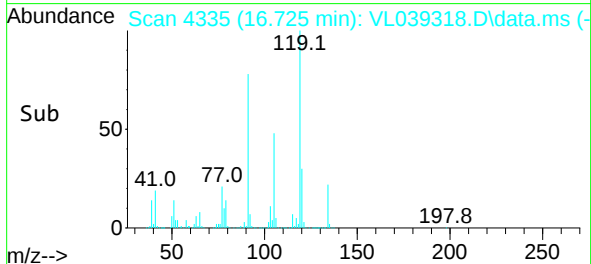
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 496325
Ion Ratio Lower Upper
119 100
91 78.8 67.1 100.7
134 20.0 15.8 23.8

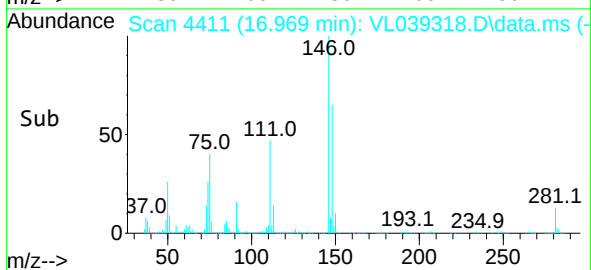
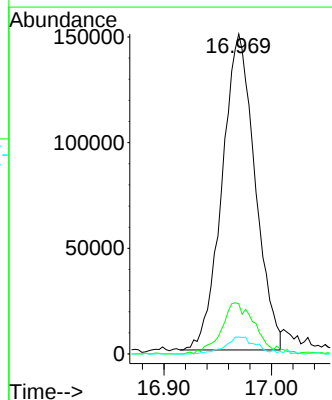
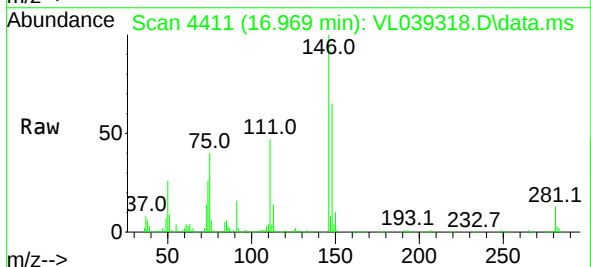
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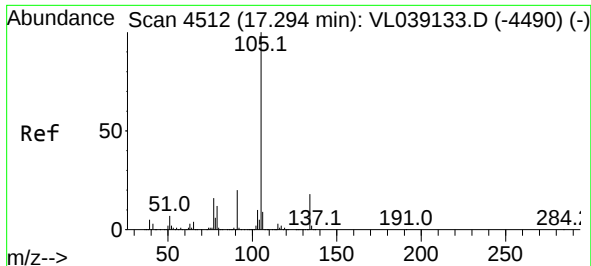
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#66
Benzyl Chloride
Concen: 4.579 ppbv
RT: 16.969 min Scan# 4411
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Tgt Ion: 91 Resp: 318497
Ion Ratio Lower Upper
91 100
126 17.2 13.4 20.0
128 5.5 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.409 ppbv

RT: 17.275 min Scan# 4506

Delta R.T. -0.019 min

Lab File: VL039318.D

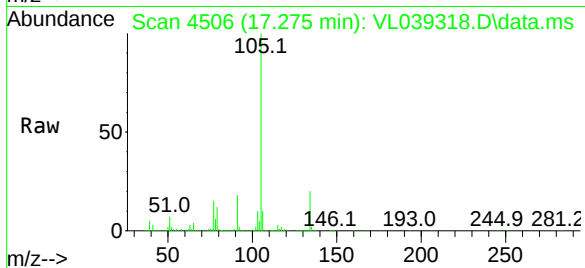
Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 6867320

Ion Ratio Lower Upper

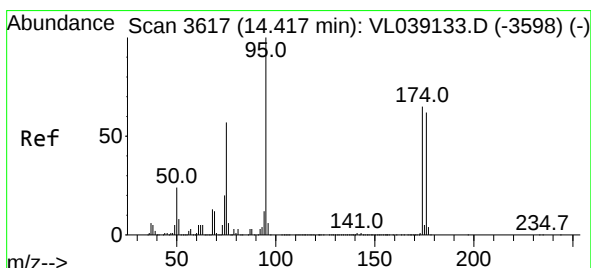
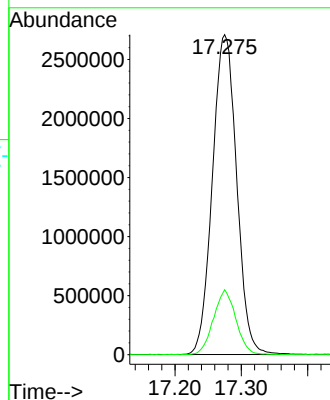
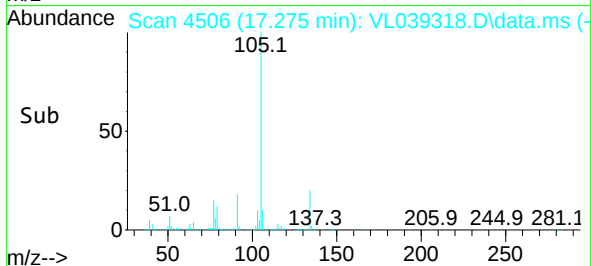
105 100

134 18.9 14.4 21.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.370 ppbv

RT: 14.397 min Scan# 3611

Delta R.T. -0.019 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

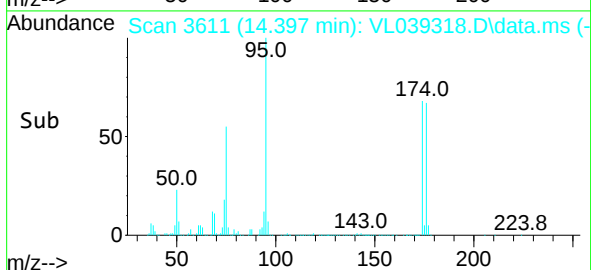
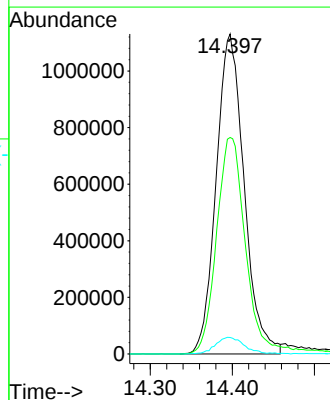
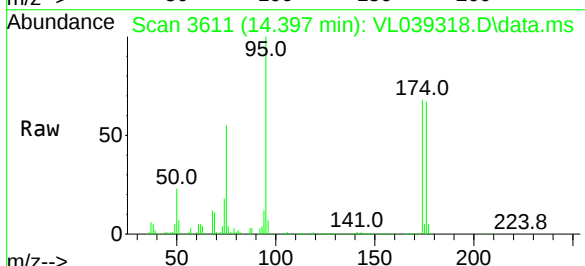
Tgt Ion: 95 Resp: 2674887

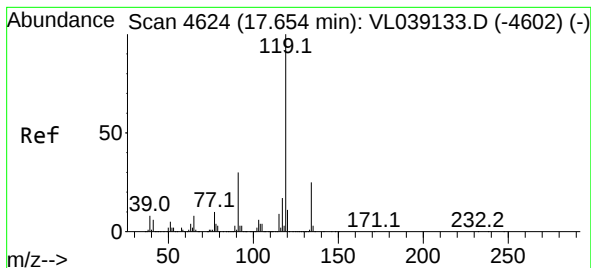
Ion Ratio Lower Upper

95 100

174 71.7 53.8 80.8

175 5.7 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.679 ppbv

RT: 17.632 min Scan# 4617

Delta R.T. -0.023 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 596018

Ion Ratio Lower Upper

119 100

134 25.5 20.4 30.6

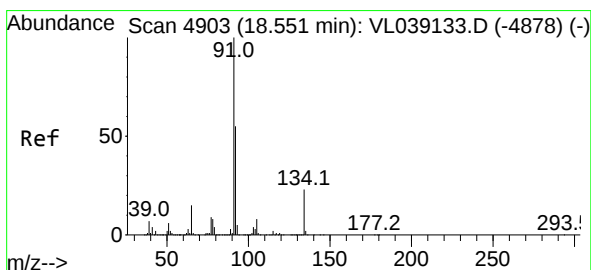
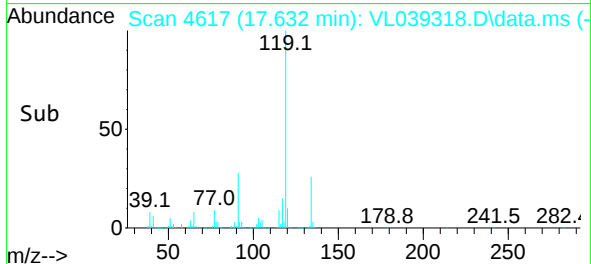
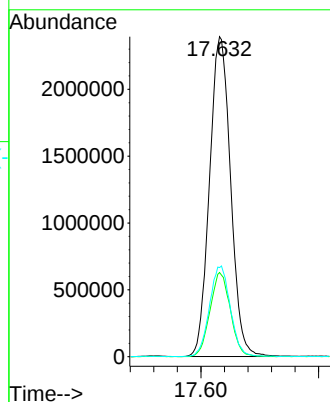
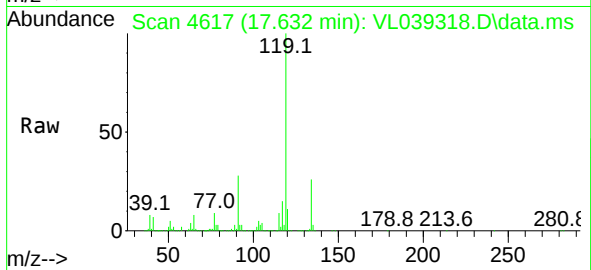
91 28.0 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#70

n-Butylbenzene

Concen: 9.352 ppbv

RT: 18.532 min Scan# 4897

Delta R.T. -0.019 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

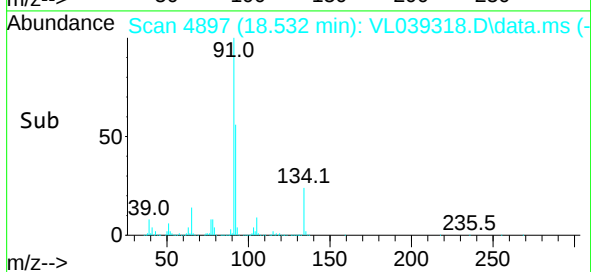
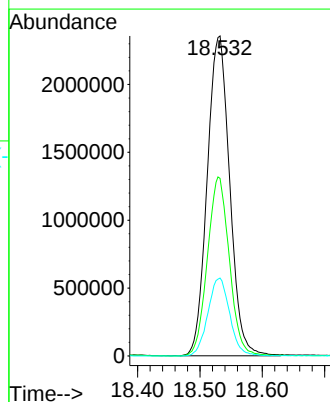
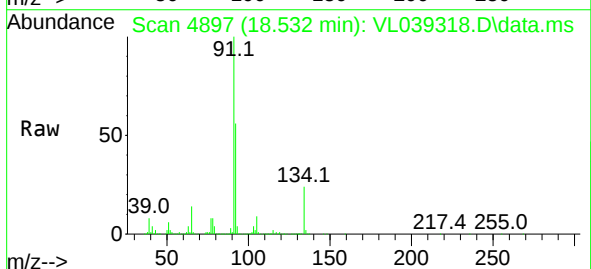
Tgt Ion: 91 Resp: 5910886

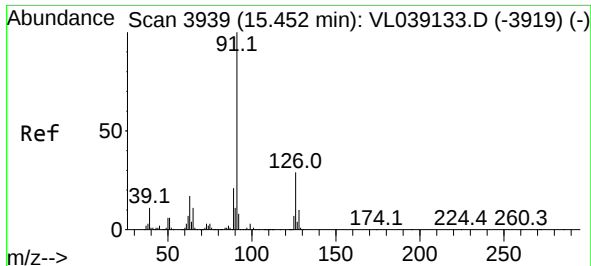
Ion Ratio Lower Upper

91 100

92 54.7 43.6 65.4

134 23.8 17.7 26.5





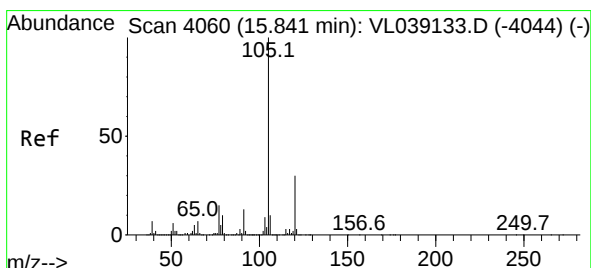
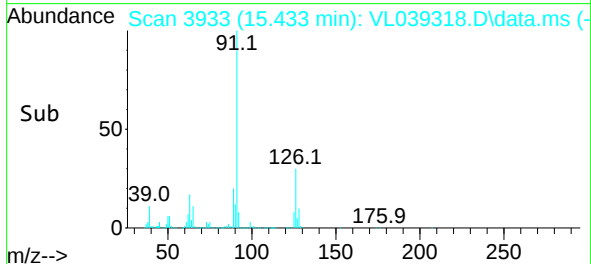
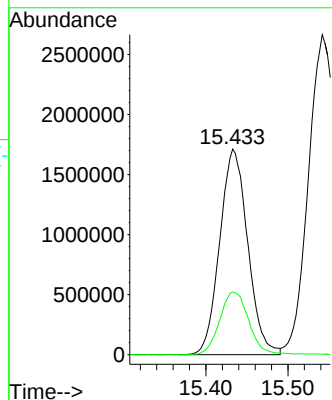
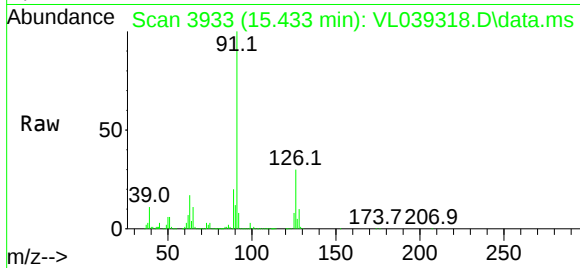
#71
2-Chlorotoluene
Concen: 9.107 ppbv
RT: 15.433 min Scan# 3933
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 406272
Ion Ratio Lower Upper
91 100
126 32.3 12.2 48.6

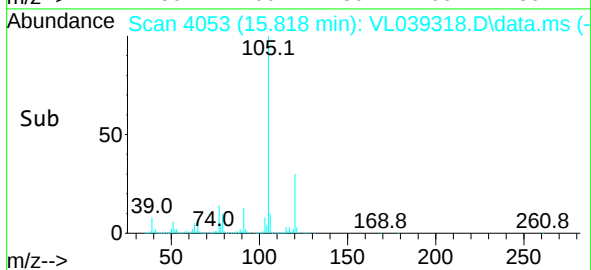
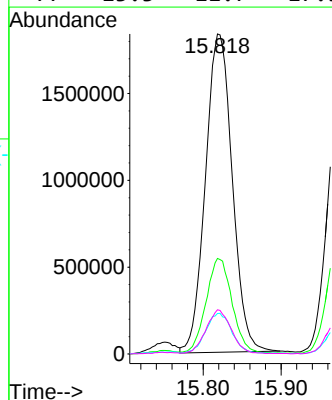
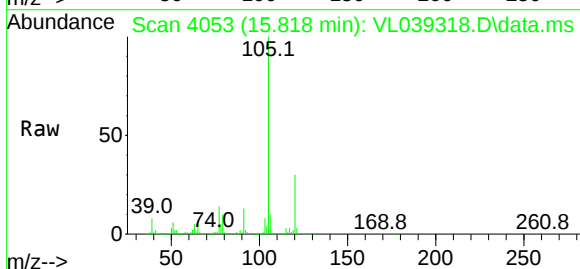
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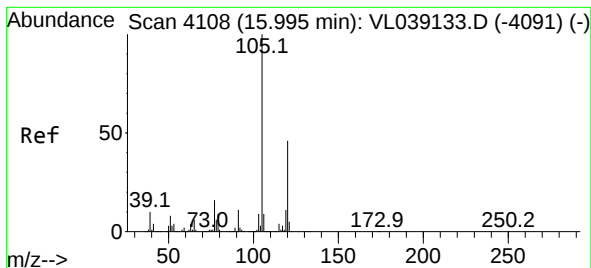
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#72
4-Ethyltoluene
Concen: 9.503 ppbv
RT: 15.818 min Scan# 4053
Delta R.T. -0.023 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

Tgt Ion:105 Resp: 4383719
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 13.3 10.6 16.0
77 13.3 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.434 ppbv

RT: 15.976 min Scan# 4108

Delta R.T. -0.019 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 392508

Ion Ratio Lower Upper

105 100

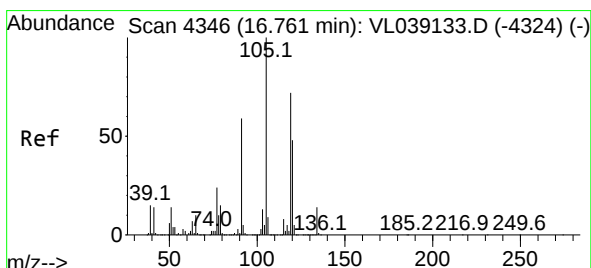
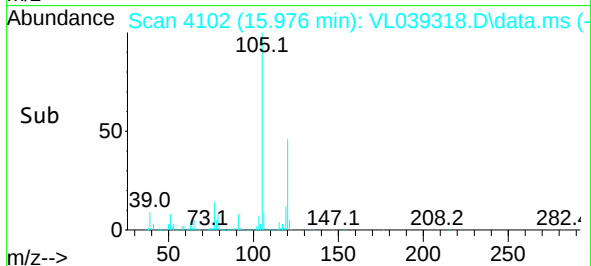
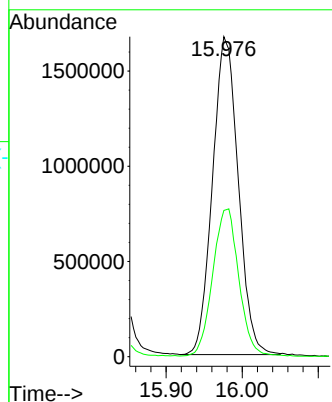
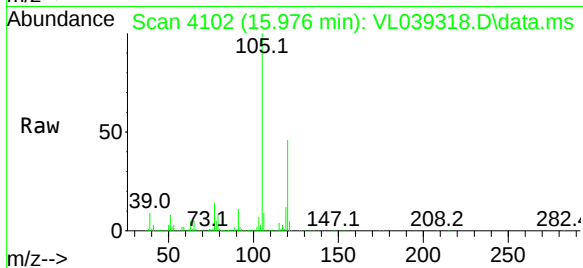
120 45.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.170 ppbv

RT: 16.744 min Scan# 4341

Delta R.T. -0.016 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Tgt Ion:105 Resp: 4257678

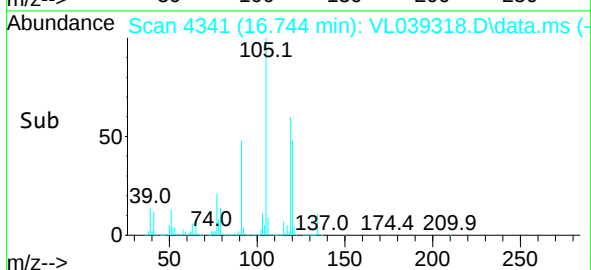
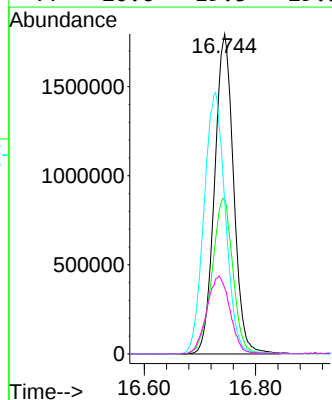
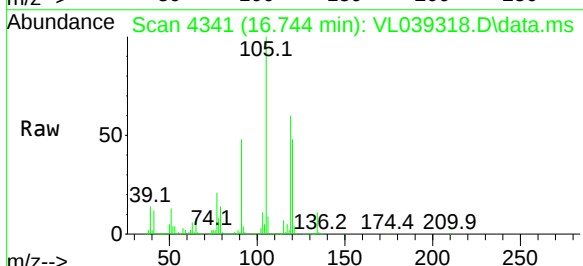
Ion Ratio Lower Upper

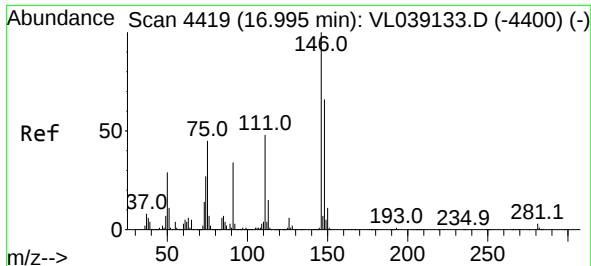
105 100

120 48.2 38.1 57.1

91 47.6 47.4 71.0

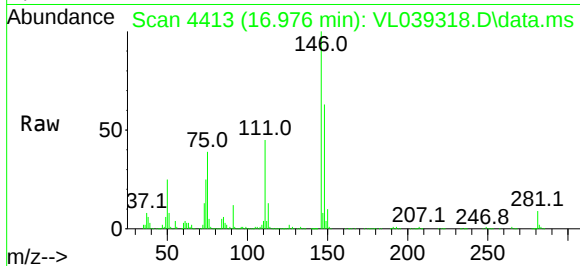
77 20.6 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 9.723 ppbv
RT: 16.976 min Scan# 4419
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

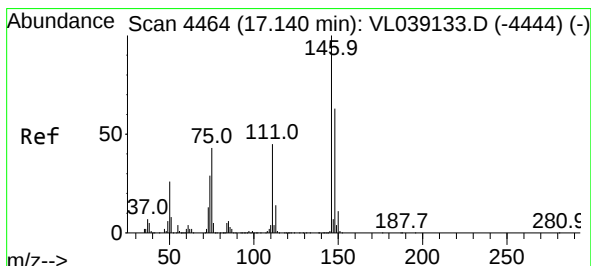
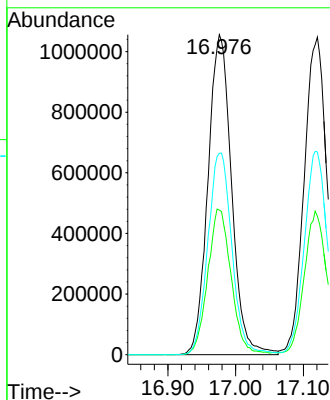
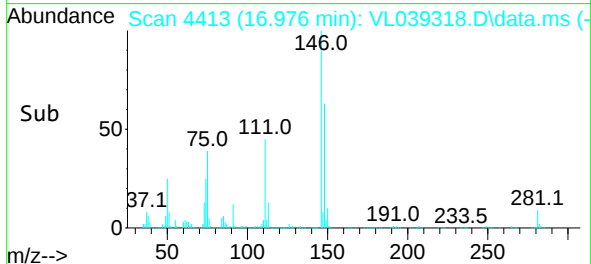
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



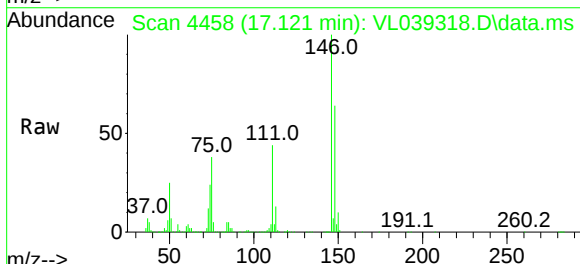
Tgt Ion:146 Resp: 2555050
Ion Ratio Lower Upper
146 100
111 45.2 23.8 71.4
148 64.2 32.4 97.0

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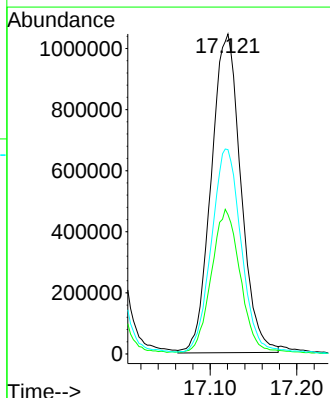
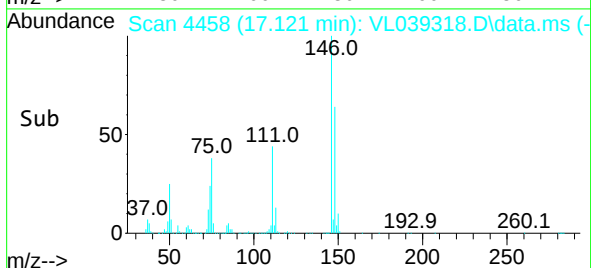
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

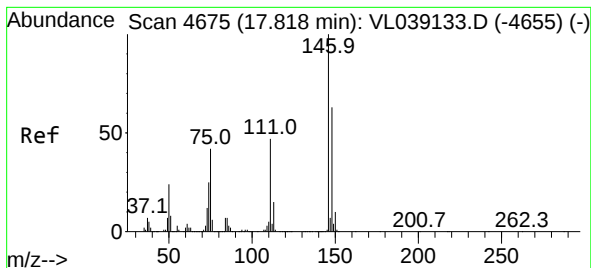


#76
1,4-Dichlorobenzene
Concen: 9.484 ppbv
RT: 17.121 min Scan# 4458
Delta R.T. -0.019 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



Tgt Ion:146 Resp: 2486752
Ion Ratio Lower Upper
146 100
111 44.9 23.6 71.0
148 65.4 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.425 ppbv

RT: 17.796 min Scan# 40

Delta R.T. -0.023 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 2496372

Ion Ratio Lower Upper

146 100

111 46.8 24.4 73.4

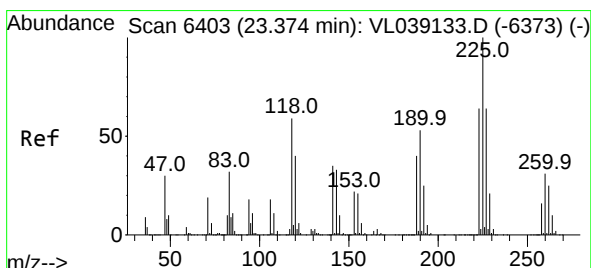
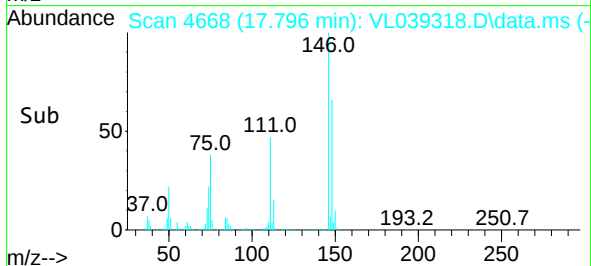
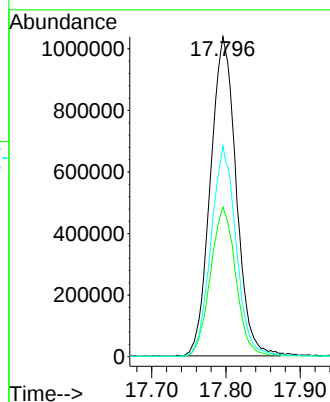
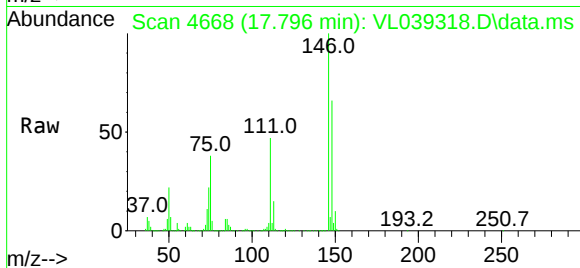
148 65.2 32.1 96.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.061 ppbv

RT: 23.352 min Scan# 6396

Delta R.T. -0.023 min

Lab File: VL039318.D

Acq: 16 Jun 2022 12:04

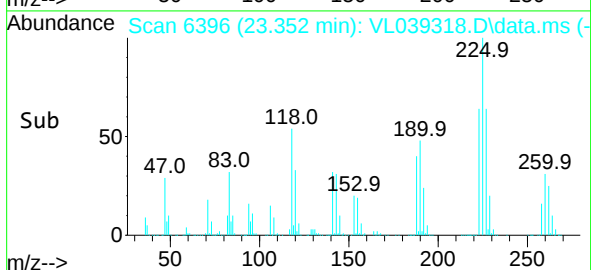
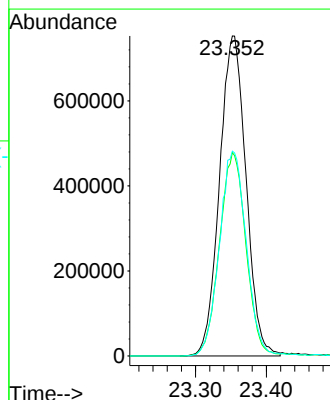
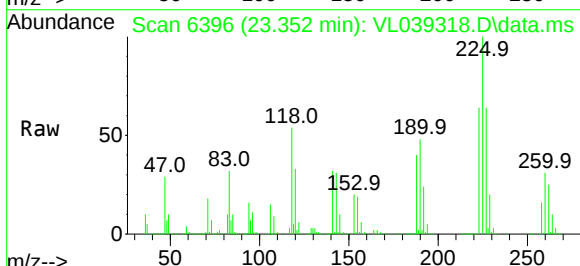
Tgt Ion:225 Resp: 1952455

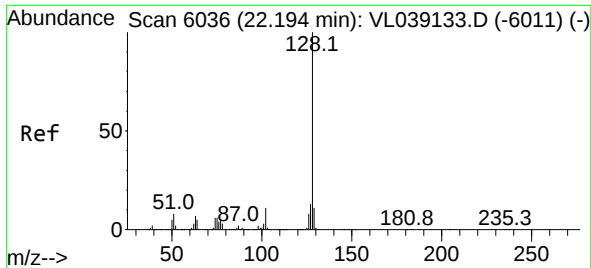
Ion Ratio Lower Upper

225 100

223 63.9 51.4 77.0

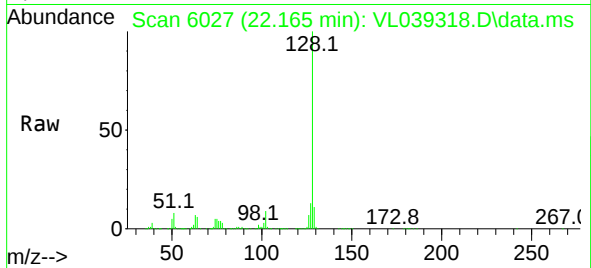
227 65.1 50.6 75.8





#79
Naphthalene
Concen: 10.434 ppbv
RT: 22.165 min Scan# 6036
Delta R.T. -0.029 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04

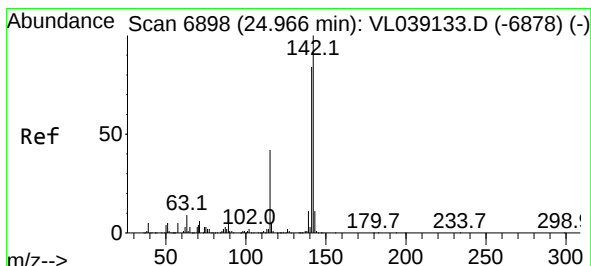
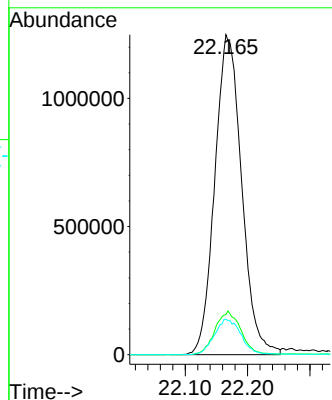
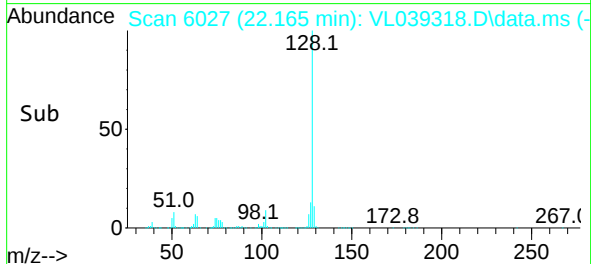
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



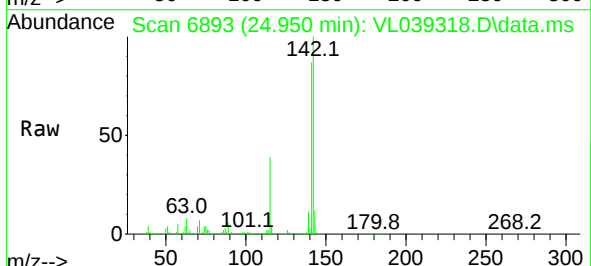
Tgt Ion:128 Resp: 3729274
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 11.1 9.0 13.6

Manual Integrations
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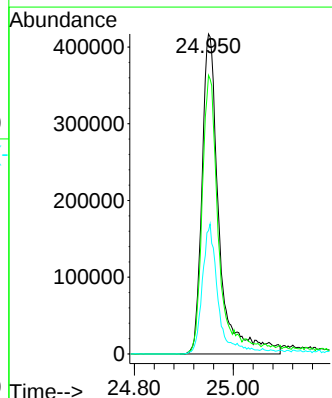
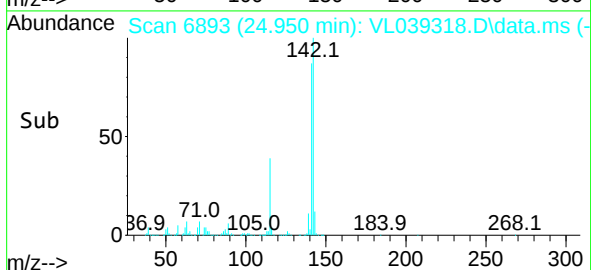
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

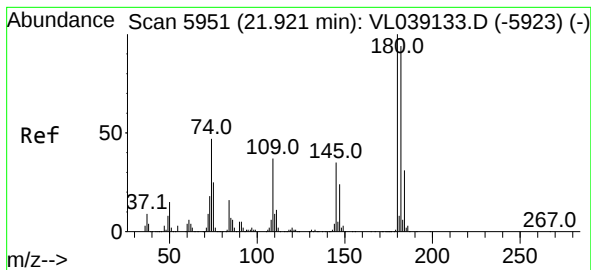


#80
Naphthalene,2-methyl-
Concen: 7.502 ppbv
RT: 24.950 min Scan# 6893
Delta R.T. -0.016 min
Lab File: VL039318.D
Acq: 16 Jun 2022 12:04



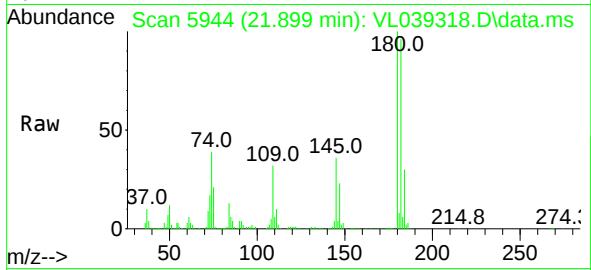
Tgt Ion:142 Resp: 996126
Ion Ratio Lower Upper
142 100
141 85.5 64.6 96.8
115 38.9 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.176 ppbv
 RT: 21.899 min Scan# 5944
 Delta R.T. -0.023 min
 Lab File: VL039318.D
 Acq: 16 Jun 2022 12:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 2077618
 Ion Ratio Lower Upper
 180 100
 182 97.9 0.0 0.0
 184 31.4 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

