

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039301.D
 Acq On : 15 Jun 2022 17:52
 Operator : SY/AP
 Sample : VL0615ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 04:36:00 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 04:36:00 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	5.658	49	1317876	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.166	114	3630265	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.073	117	3342577m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 2731005 9.883 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	1875987	8.104	ppbv	96
3) Chlorodifluoromethane	2.986	51	1463723	8.729	ppbv	99
4) Chloromethane	3.137	50	823485	9.561	ppbv	100
5) Vinyl Chloride	3.253	62	770988	9.575	ppbv	98
6) Bromomethane	3.472	94	326935	8.254	ppbv	99
7) Chloroethane	3.555	64	294547	10.498	ppbv	92
8) Dichlorotetrafluoroethane	3.186	85	1909936	9.028	ppbv	94
9) Propene	3.009	41	648863	8.874	ppbv	99
10) Heptane	8.115	43	1677373	9.834	ppbv	99
11) Trichlorofluoromethane	3.948	101	1946651	9.290	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.478	101	1420233	10.250	ppbv	99
13) Ethanol	3.607	45	45791	11.484	ppbv #	100
14) Bromoethene	3.735	108	615363	9.878	ppbv	96
15) Acetone	3.841	43	1388903	10.117	ppbv	97
16) 1,3-Butadiene	3.324	39	770959	10.447	ppbv	94
17) tert-Butyl alcohol	4.275	59	1326418	12.457	ppbv	99
18) 1,1-Dichloroethene	4.285	96	657995	10.586	ppbv	90
19) Isopropyl Alcohol	3.951	45	768516	11.936	ppbv	99
20) Methylene Chloride	4.337	84	506128	8.749	ppbv	92
21) Allyl Chloride	4.407	41	996162	10.757	ppbv	98
22) trans-1,2-Dichloroethene	4.877	96	644968	10.784	ppbv	94
23) Vinyl Acetate	5.066	43	1195288	10.523	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1493154	9.595	ppbv	99
25) Ethyl Acetate	5.665	43	2962365	9.574	ppbv	99
26) Hexane	5.681	57	1283982	9.443	ppbv	98
27) Carbon Disulfide	4.546	76	1587647	11.266	ppbv	100
28) Methyl tert-Butyl Ether	5.025	73	1433119	9.547	ppbv	99
29) Chloroform	5.745	83	2032378	8.883	ppbv	100
30) Cyclohexane	7.124	84	1107588	9.696	ppbv	98
31) cis-1,2-Dichloroethene	5.542	61	1285531	9.272	ppbv	93
32) 1,1,1-Trichloroethane	6.500	97	2047968	9.147	ppbv	99
34) 2-Butanone	5.234	43	1793077	9.091	ppbv	98
35) Carbon Tetrachloride	7.008	117	2129234	8.036	ppbv	99
36) Benzene	6.880	78	2681739	9.099	ppbv	100
37) 1,2-Dichloroethane	6.298	62	1553918	8.011	ppbv	98
38) Trichloroethene	7.825	130	1391958	10.282	ppbv	95
39) 1,2-Dichloropropane	7.603	63	992608	8.467	ppbv	98
40) 1,4-Dioxane	7.819	88	355774	9.219	ppbv #	1
41) Tetrahydrofuran	6.037	42	1026901	8.657	ppbv	99
42) Bromodichloromethane	7.783	83	2192698	8.146	ppbv	98
43) Methyl Methacrylate	8.002	69	1074338	9.358	ppbv	98
44) 2,2,4-Trimethylpentane	7.857	57	4452185	8.635	ppbv	99
45) t-1,3-Dichloropropene	9.269	75	1050612	8.787	ppbv	96

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

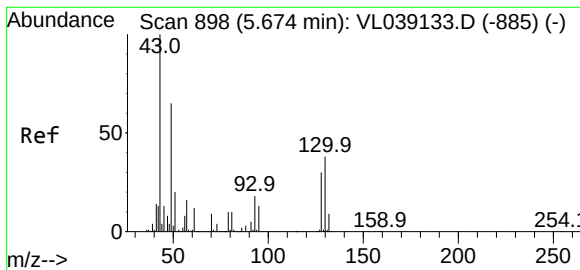
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

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

Response via : Initial Calibration

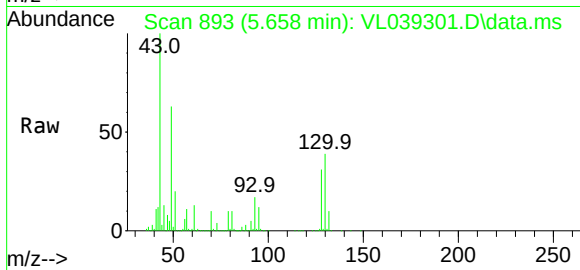
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	1377547	8.722	ppbv	94
47) 1,1,2-Trichloroethane	9.465	97	1103999	9.027	ppbv	96
48) Dibromochloromethane	10.291	129	1928833	8.833	ppbv	100
49) Bromoform	13.031	173	1575718	8.658	ppbv	98
50) 4-Methyl-2-Pentanone	8.729	43	2764436	9.364	ppbv	99
51) 2-Hexanone	10.118	43	2145624	9.340	ppbv #	97
52) Tetrachloroethene	11.214	164	1034266	8.988	ppbv	97
53) Toluene	9.796	91	3189635	9.399	ppbv	100
54) 1,2-Dibromoethane	10.600	107	1466448	8.923	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.118	131	1401748	8.863	ppbv	98
57) Chlorobenzene	12.134	112	2360405	9.385	ppbv	95
58) Ethyl Benzene	12.700	91	4222177	9.170	ppbv	99
59) m/p-Xylene	12.983	91	7201480m	17.762	ppbv	
60) o-Xylene	13.680	91	3463105	9.090	ppbv	98
61) Styrene	13.516	104	2069309	10.143	ppbv	96
62) Isopropylbenzene	14.651	105	5220895	9.220	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.661	83	1738553	8.130	ppbv	99
64) n-propylbenzene	15.548	120	1366623	9.818	ppbv	90
65) tert-Butylbenzene	16.732	119	4767724	9.208	ppbv	95
66) Benzyl Chloride	16.973	91	504196	7.489	ppbv	99
67) sec-Butylbenzene	17.278	105	6499665	9.200	ppbv	98
69) p-Isopropyltoluene	17.638	119	5588107	9.375	ppbv	98
70) n-Butylbenzene	18.535	91	5494433	8.980	ppbv	99
71) 2-Chlorotoluene	15.439	91	3776548	8.746	ppbv	97
72) 4-Ethyltoluene	15.825	105	4202470	9.412	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	3821116	9.488	ppbv	98
74) 1,2,4-Trimethylbenzene	16.748	105	4147800	9.229	ppbv	94
75) 1,3-Dichlorobenzene	16.982	146	2432825	9.563	ppbv	99
76) 1,4-Dichlorobenzene	17.124	146	2343141	9.232	ppbv	99
77) 1,2-Dichlorobenzene	17.802	146	2356714	9.192	ppbv	99
78) Hexachloro-1,3-Butadiene	23.358	225	1780081	7.592	ppbv	99
79) Naphthalene	22.175	128	3525957	10.191	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	1099878	8.557	ppbv	92
81) 1,2,4-Trichlorobenzene	21.908	180	2056150	9.381	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL039301.D
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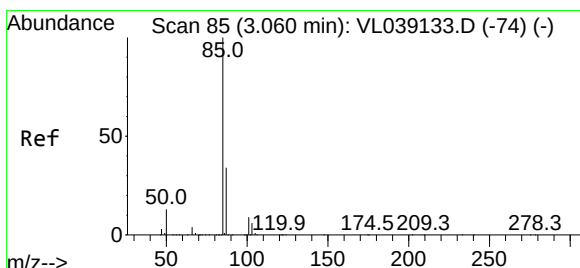
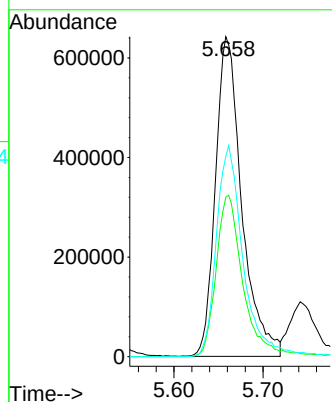
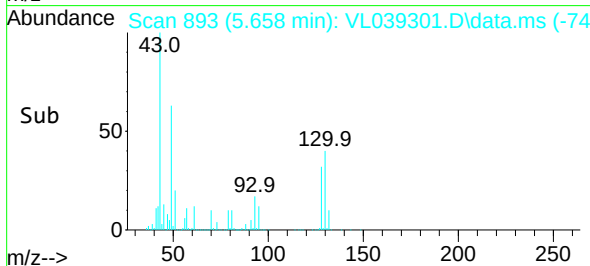
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



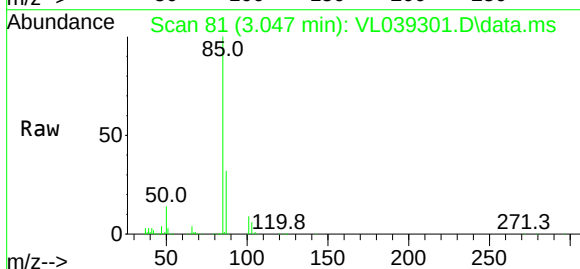
Tgt Ion: 49 Resp: 1317870
Ion Ratio Lower Upper
49 100
128 52.2 24.7 74.1
130 68.4 31.4 94.0

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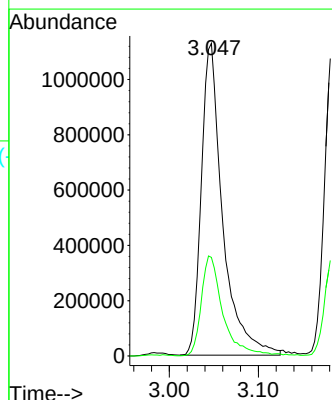
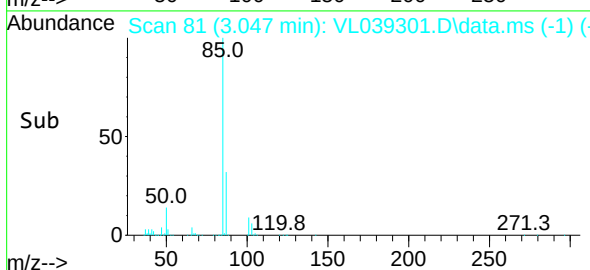
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

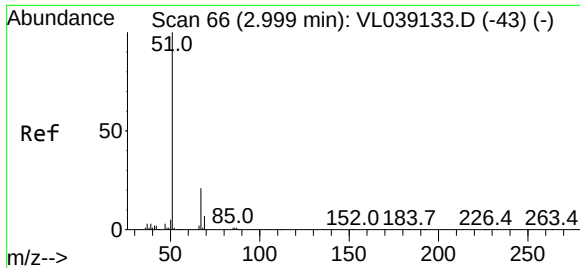


#2
Dichlorodifluoromethane
Concen: 8.104 ppbv
RT: 3.047 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



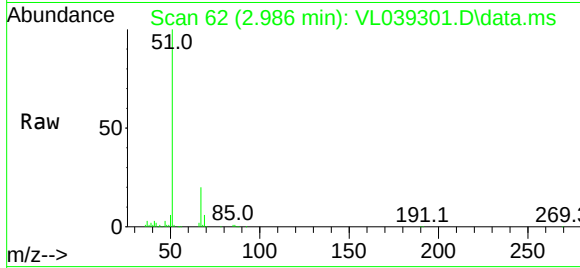
Tgt Ion: 85 Resp: 1875987
Ion Ratio Lower Upper
85 100
87 31.5 26.9 40.3





#3
Chlorodifluoromethane
Concen: 8.729 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

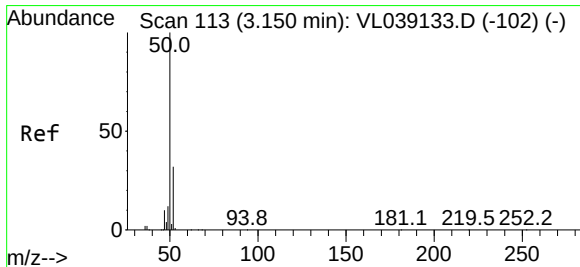
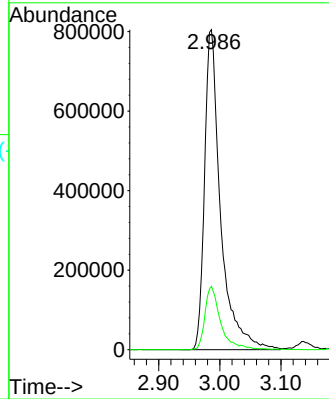
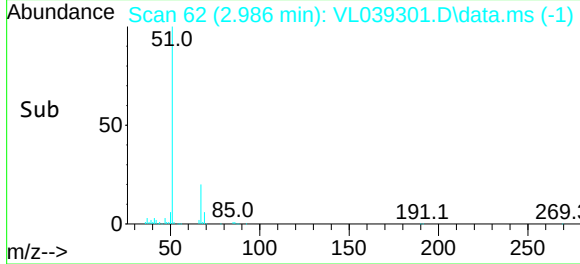
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



Tgt Ion: 51 Resp: 146372
Ion Ratio Lower Upper
51 100
67 19.6 16.2 24.4

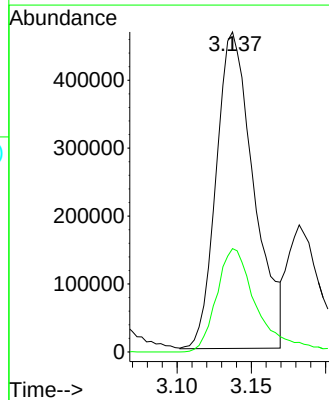
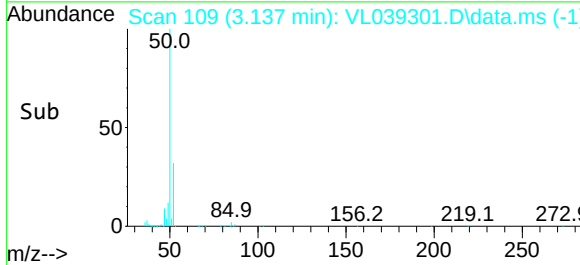
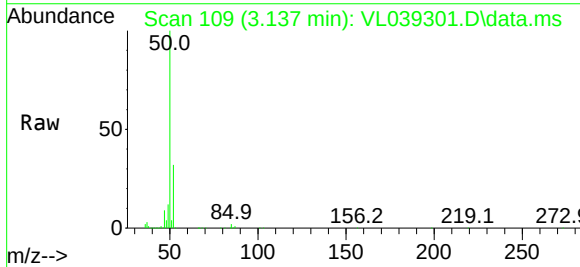
Manual Integrations
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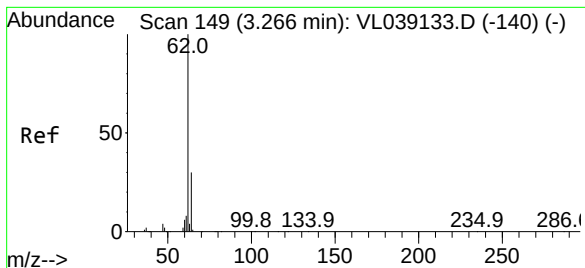
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#4
Chloromethane
Concen: 9.561 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

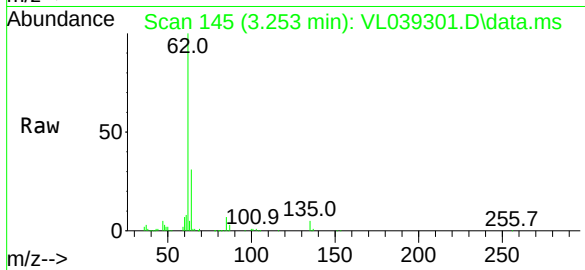
Tgt Ion: 50 Resp: 823485
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.575 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

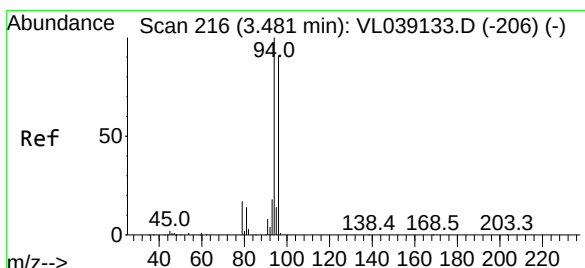
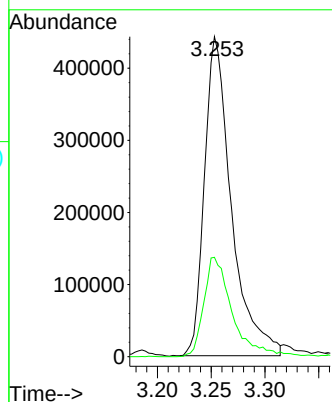
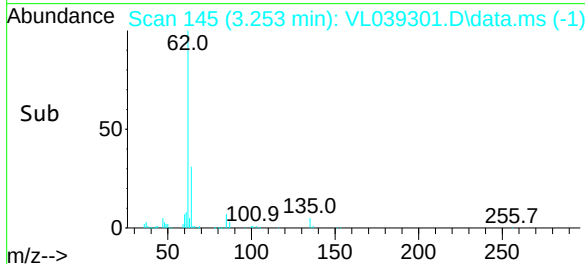
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01



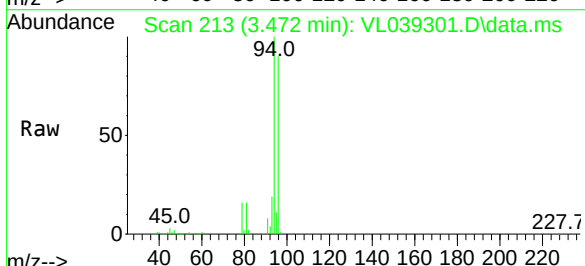
Tgt Ion: 62 Resp: 770988
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.2 36.2

Manual Integrations
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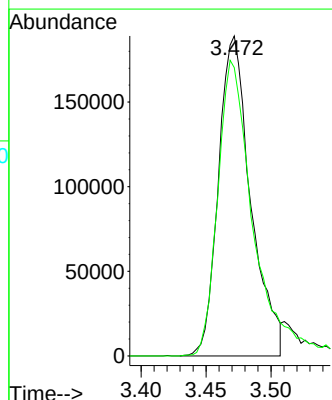
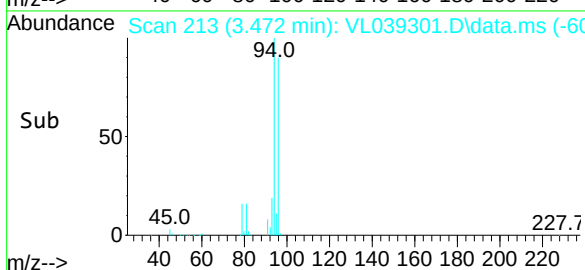
Reviewed By :Mahesh Dadoda 06/17/2022
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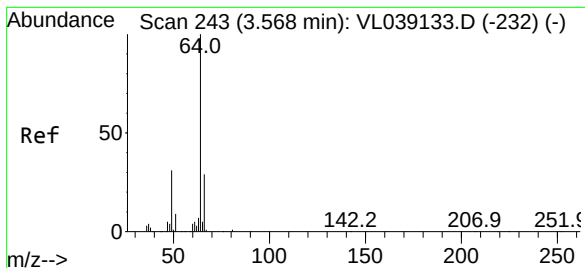


#6
 Bromomethane
 Concen: 8.254 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. -0.010 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52



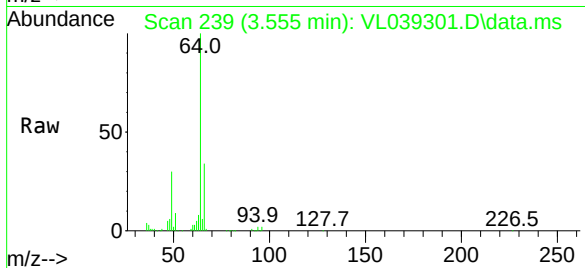
Tgt Ion: 94 Resp: 326935
 Ion Ratio Lower Upper
 94 100
 96 90.1 73.0 109.4





#7
Chloroethane
Concen: 10.498 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

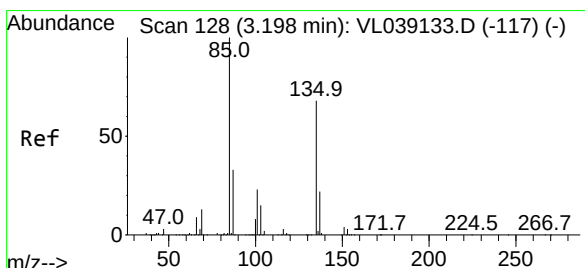
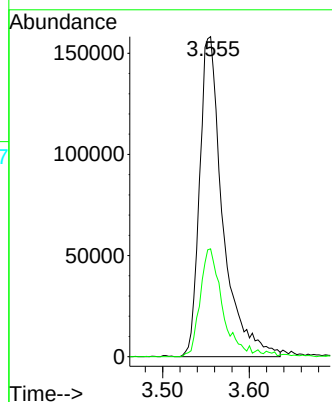
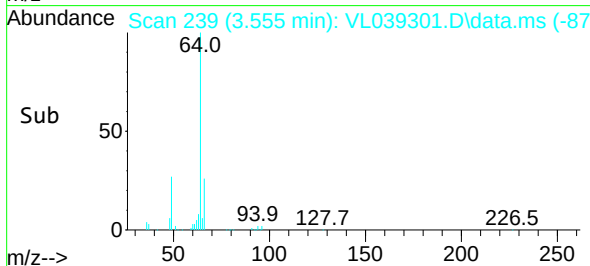
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



Tgt Ion: 64 Resp: 29454
Ion Ratio Lower Upper
64 100
66 33.7 23.6 35.4

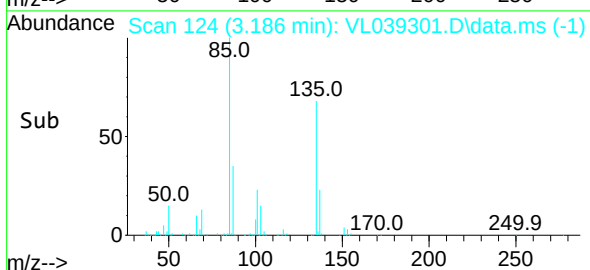
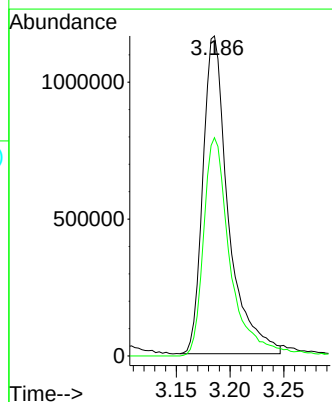
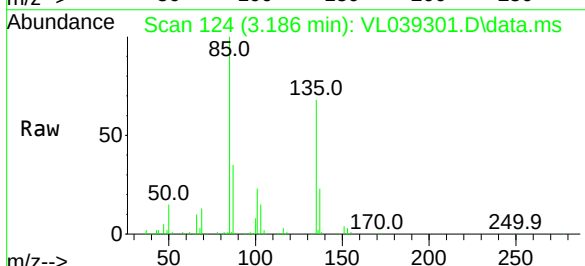
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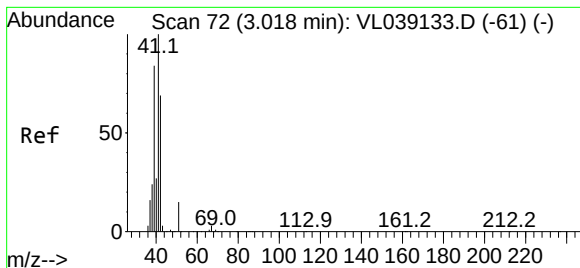
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#8
Dichlorotetrafluoroethane
Concen: 9.028 ppbv
RT: 3.186 min Scan# 124
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 85 Resp: 1909936
Ion Ratio Lower Upper
85 100
135 73.3 55.0 82.4





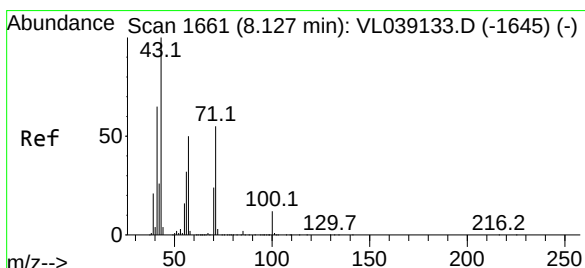
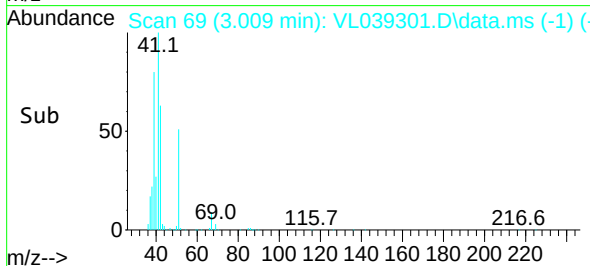
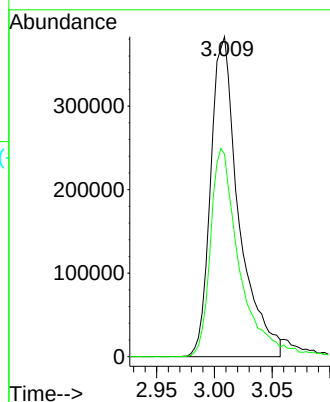
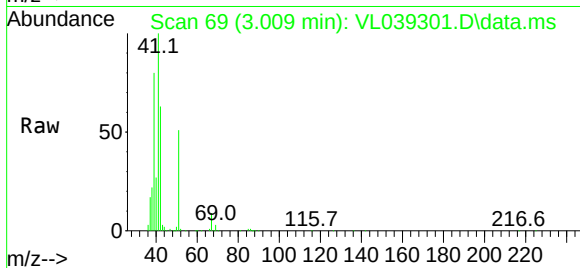
#9
 Propene
 Concen: 8.874 ppbv
 RT: 3.009 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

Tgt Ion: 41 Resp: 64886
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.4 83.2

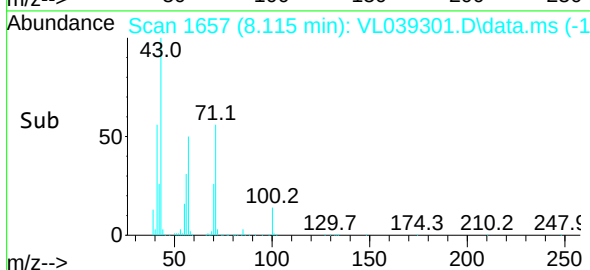
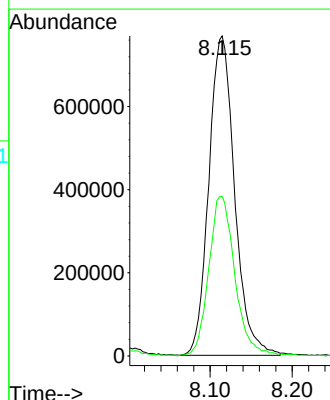
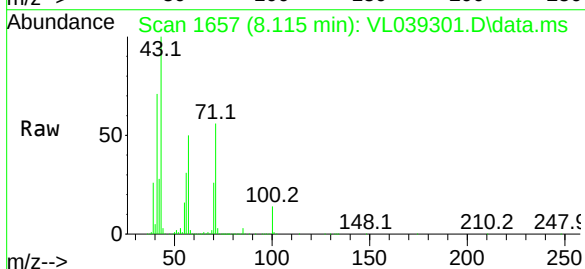
Manual Integrations
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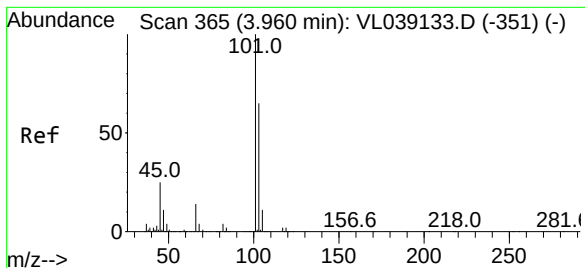
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#10
 Heptane
 Concen: 9.834 ppbv
 RT: 8.115 min Scan# 1657
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

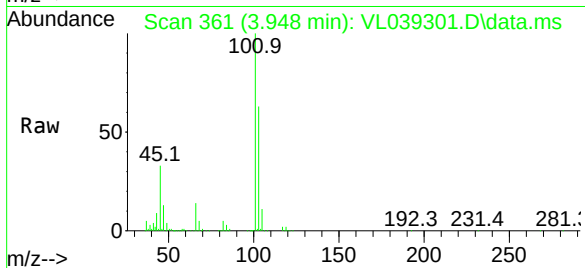
Tgt Ion: 43 Resp: 1677373
 Ion Ratio Lower Upper
 43 100
 57 51.1 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.290 ppbv
 RT: 3.948 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

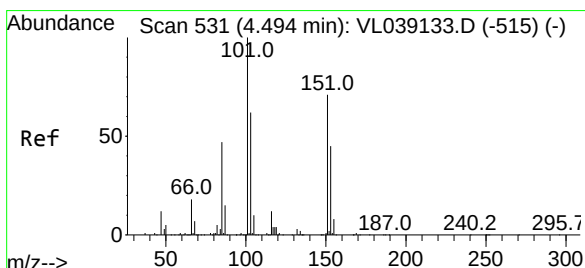
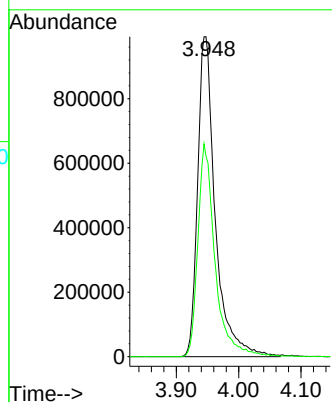
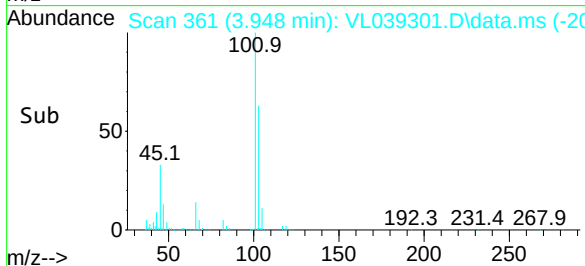
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01



Tgt Ion:101 Resp: 194665
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.7 77.5

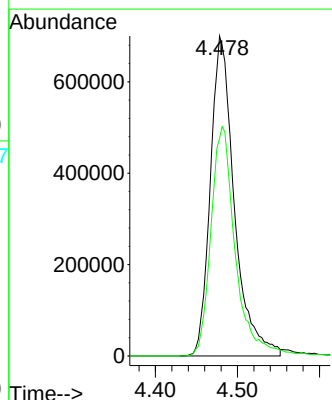
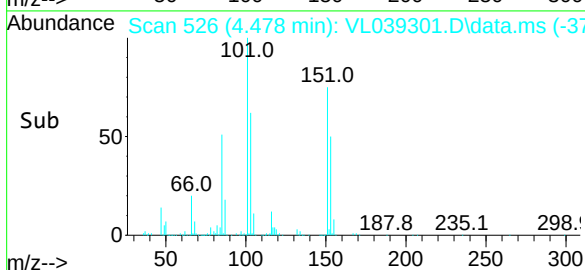
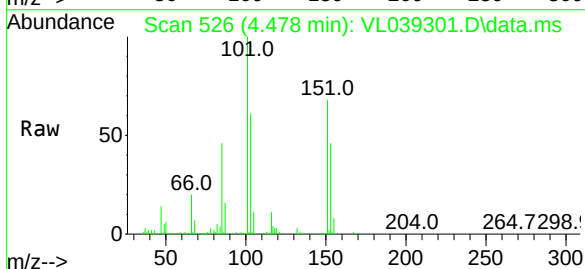
Manual Integrations
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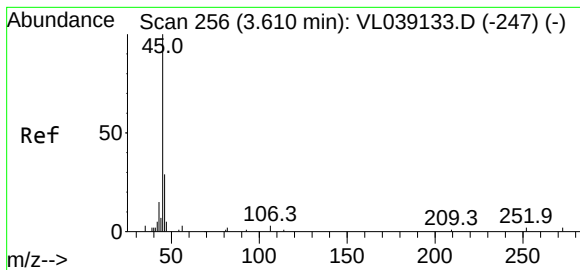
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.250 ppbv
 RT: 4.478 min Scan# 526
 Delta R.T. -0.016 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

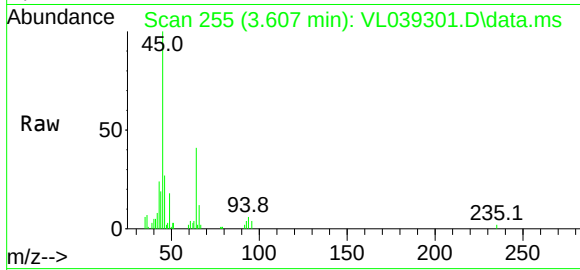
Tgt Ion:101 Resp: 1420233
 Ion Ratio Lower Upper
 101 100
 151 73.6 59.4 89.0





#13
Ethanol
Concen: 11.484 ppbv
RT: 3.607 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

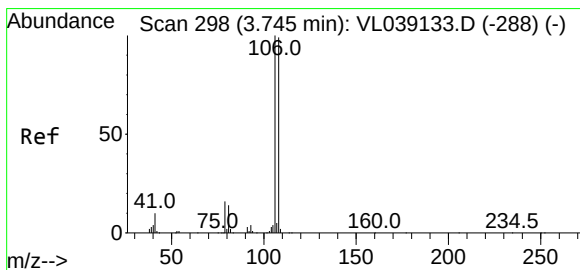
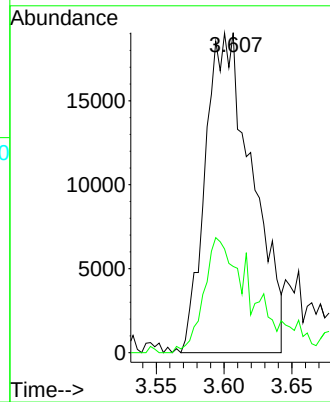
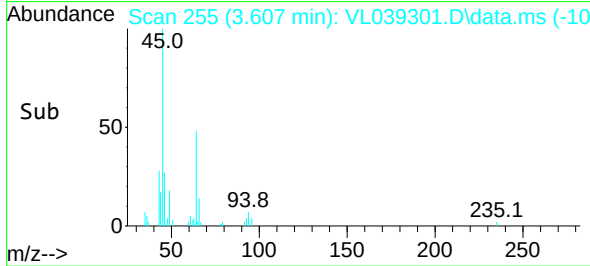
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



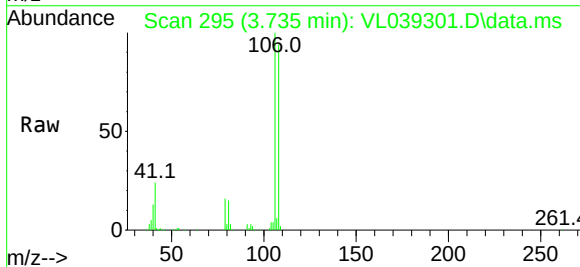
Tgt Ion: 45 Resp: 4579
Ion Ratio Lower Upper
45 100
46 41.1 0.0 0.0

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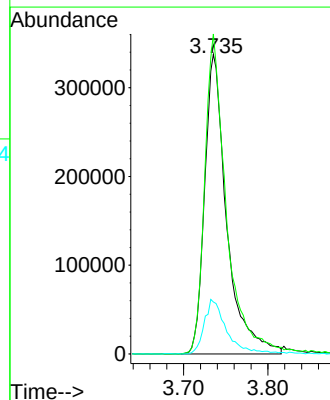
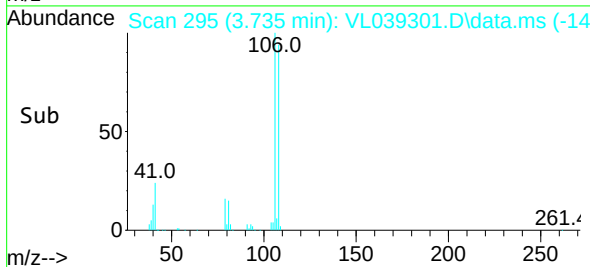
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

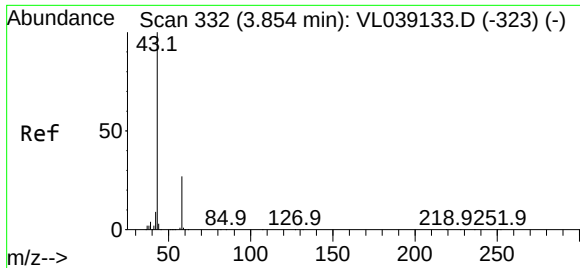


#14
Bromoethene
Concen: 9.878 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



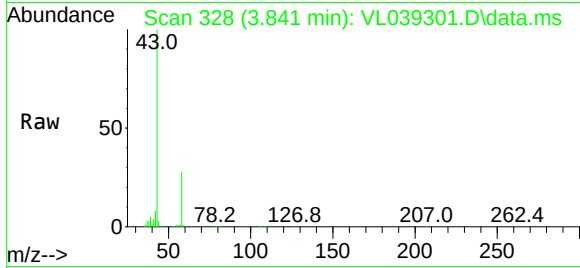
Tgt Ion:108 Resp: 615363
Ion Ratio Lower Upper
108 100
106 106.6 88.4 132.6
79 18.9 13.4 20.2





#15
Acetone
Concen: 10.117 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

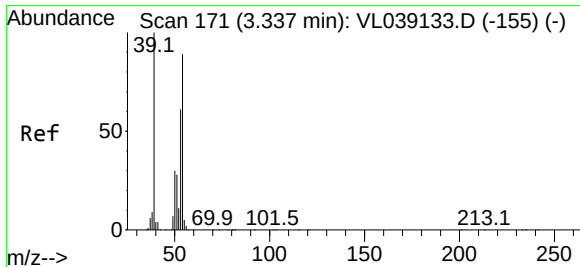
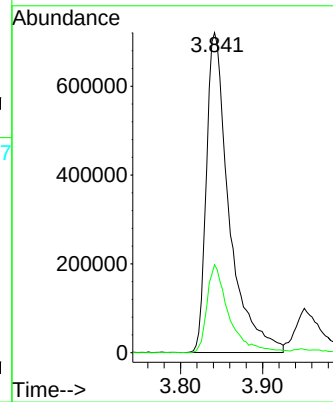
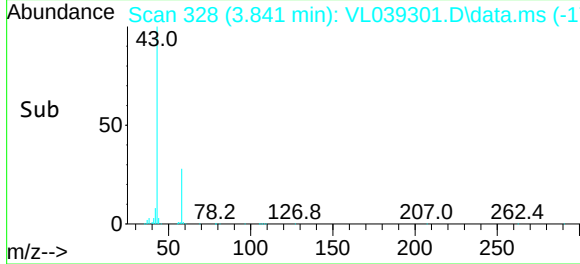
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



Tgt Ion: 43 Resp: 138890
Ion Ratio Lower Upper
43 100
58 26.6 22.5 33.7

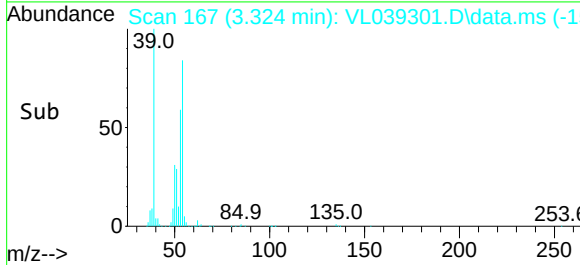
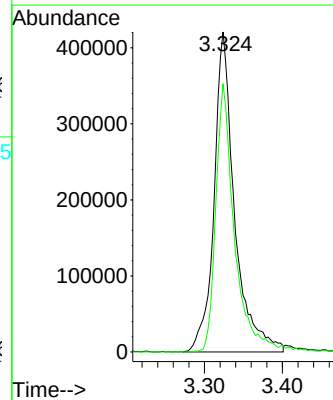
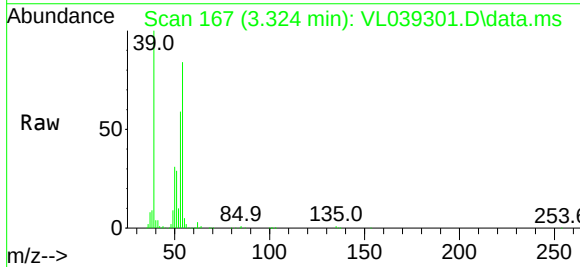
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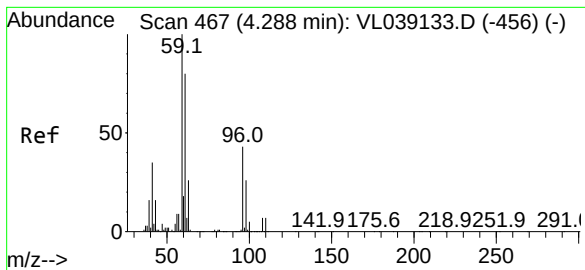
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#16
1,3-Butadiene
Concen: 10.447 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 39 Resp: 770959
Ion Ratio Lower Upper
39 100
54 77.0 65.8 98.6





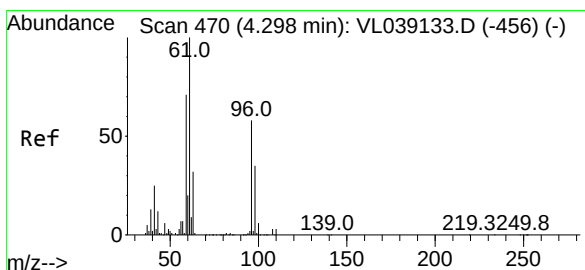
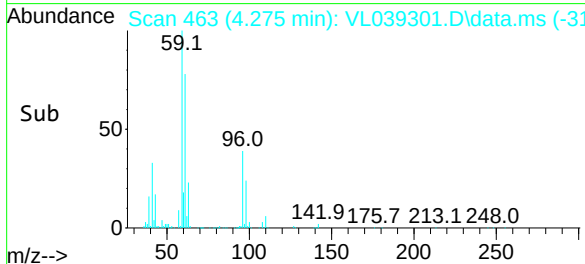
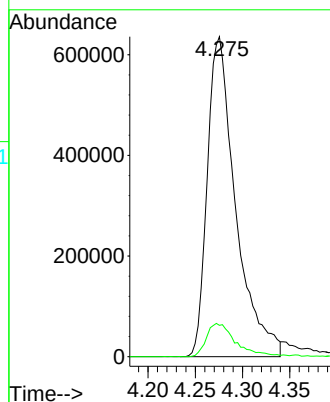
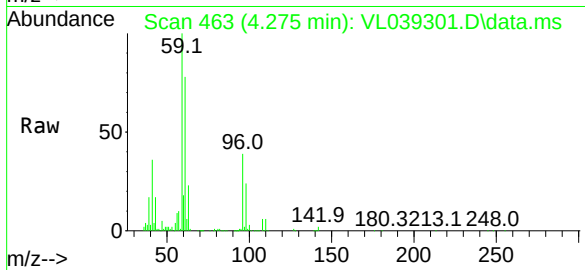
#17
tert-Butyl alcohol
Concen: 12.457 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Instrument : MSVOA_L
ClientSampleId : VL0615ABS01

Tgt Ion: 59 Resp: 1326418
Ion Ratio Lower Upper
59 100
57 11.0 9.1 13.7

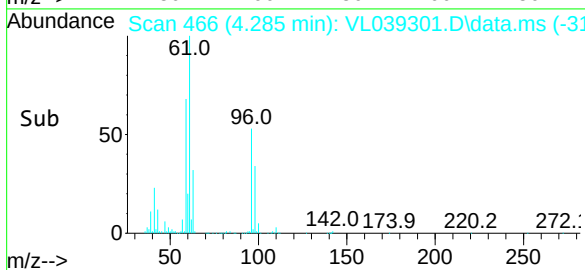
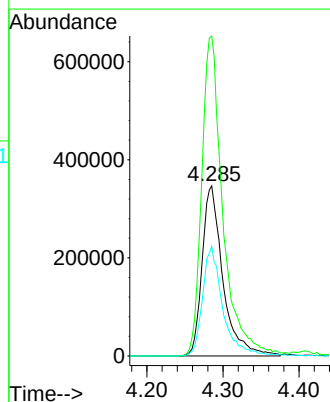
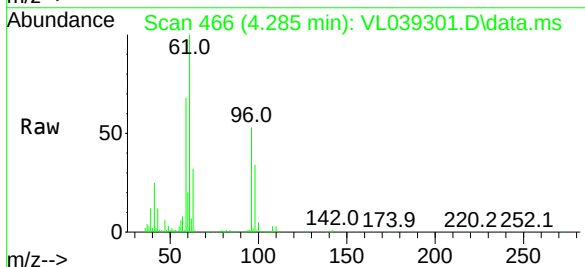
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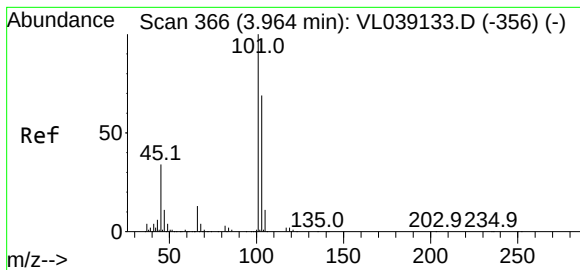
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#18
1,1-Dichloroethene
Concen: 10.586 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 96 Resp: 657995
Ion Ratio Lower Upper
96 100
61 188.0 138.4 207.6
98 64.4 47.8 71.8





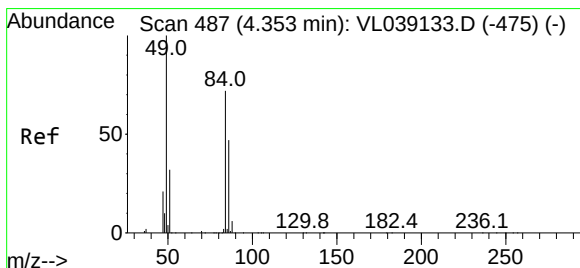
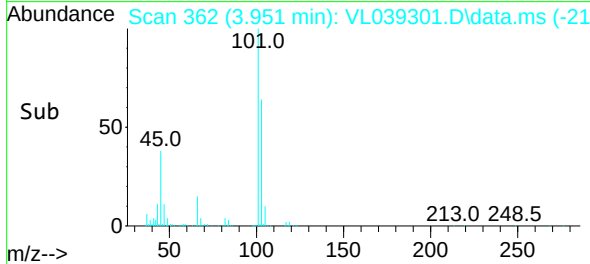
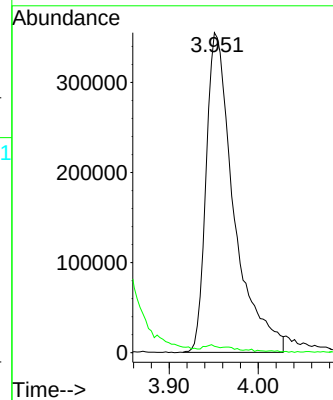
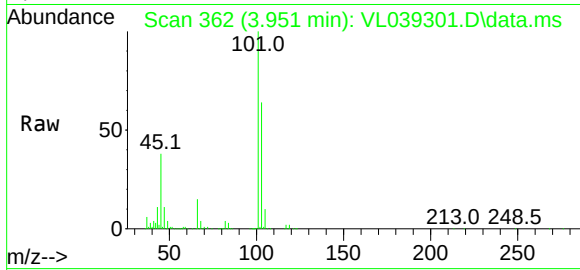
#19
Isopropyl Alcohol
Concen: 11.936 ppbv
RT: 3.951 min Scan# 301
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Instrument : MSVOA_L
ClientSampleId : VL0615ABS01

Tgt Ion: 45 Resp: 768510
Ion Ratio Lower Upper
45 100
58 2.6 1.8 2.8

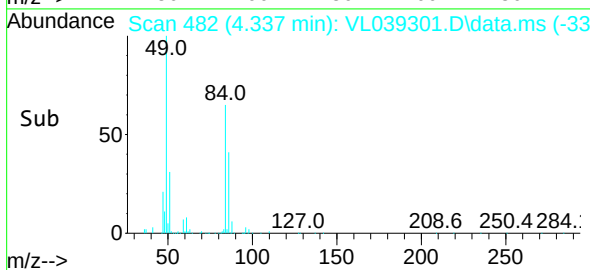
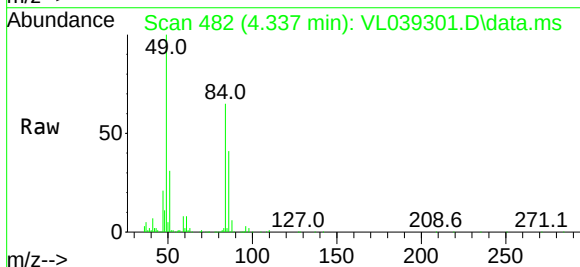
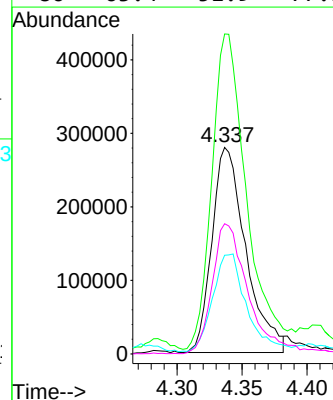
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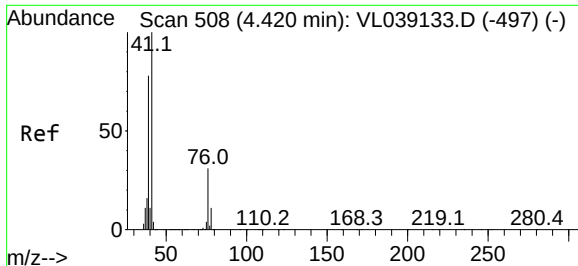
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#20
Methylene Chloride
Concen: 8.749 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion: 84 Resp: 506128
Ion Ratio Lower Upper
84 100
49 153.8 111.1 166.7
51 46.7 35.3 52.9
86 63.4 51.9 77.9





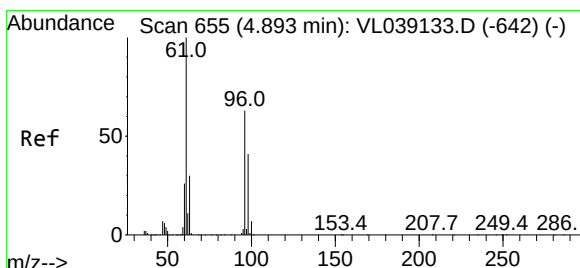
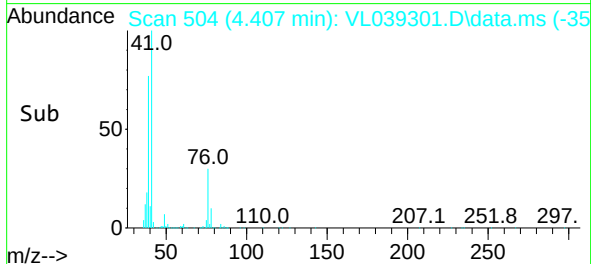
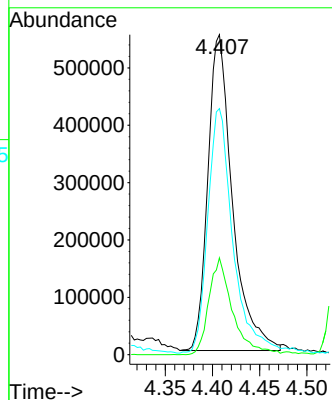
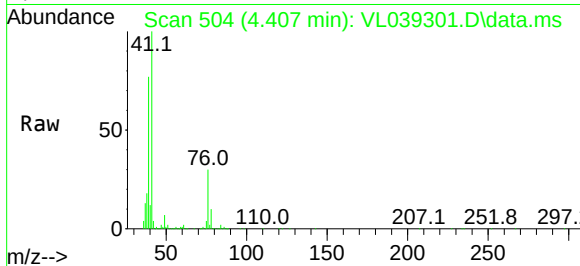
#21
 Allyl Chloride
 Concen: 10.757 ppbv
 RT: 4.407 min Scan# 508
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

Tgt Ion: 41 Resp: 996162
 Ion Ratio Lower Upper
 41 100
 76 30.0 24.2 36.2
 39 80.5 62.2 93.2

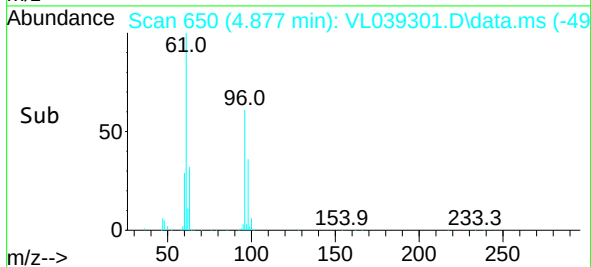
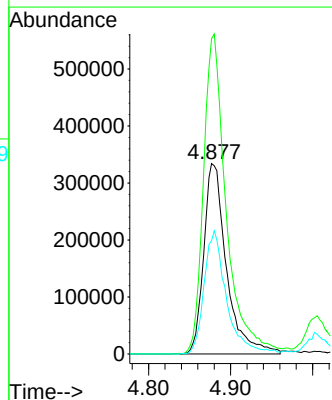
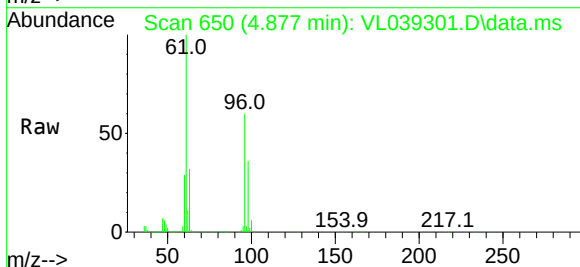
Manual Integrations
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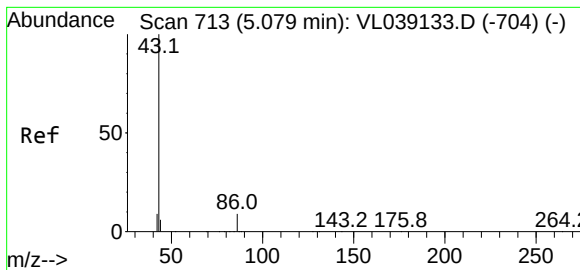
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.784 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. -0.016 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

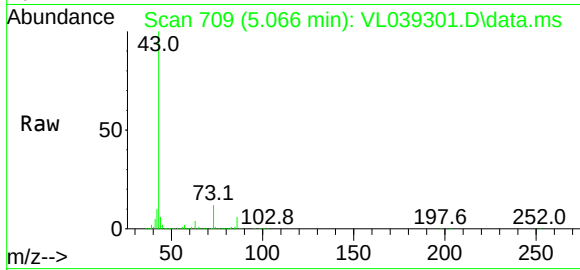
Tgt Ion: 96 Resp: 644968
 Ion Ratio Lower Upper
 96 100
 61 165.4 126.6 190.0
 98 59.5 52.5 78.7





#23
 Vinyl Acetate
 Concen: 10.523 ppbv
 RT: 5.066 min Scan# 709
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

Instrument : MSVOA_L
 ClientSampleId : VL0615ABS01

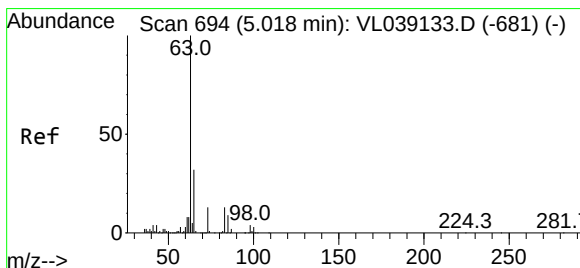
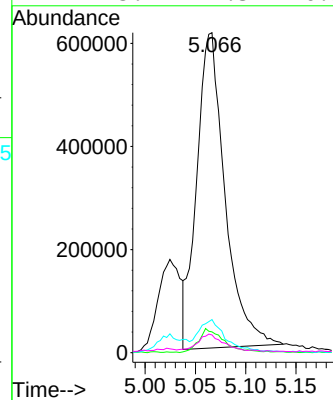
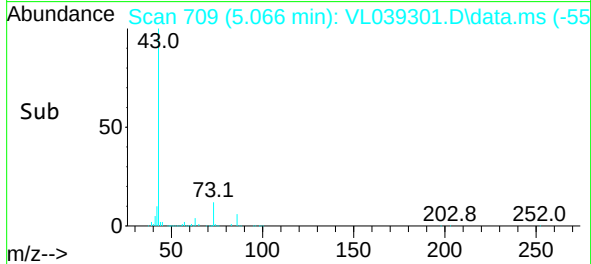


Tgt Ion: 43 Resp: 1195288

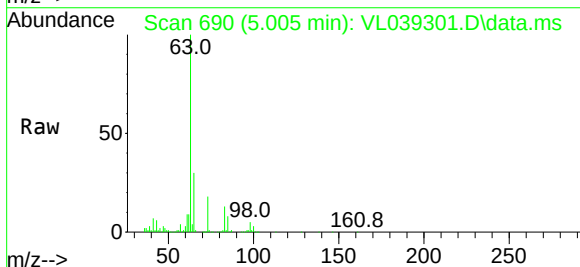
Ion	Ratio	Lower	Upper
43	100		
86	6.4	6.0	9.0
42	10.2	8.2	12.4
44	5.2	4.3	6.5

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

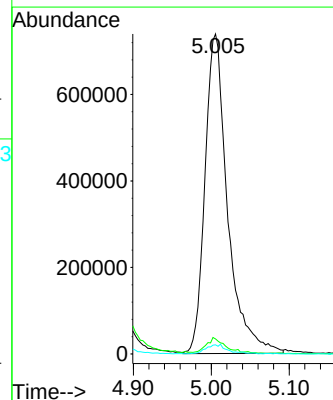
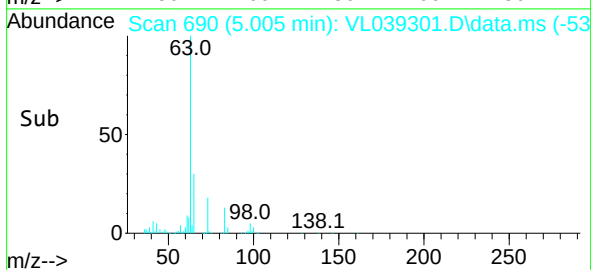


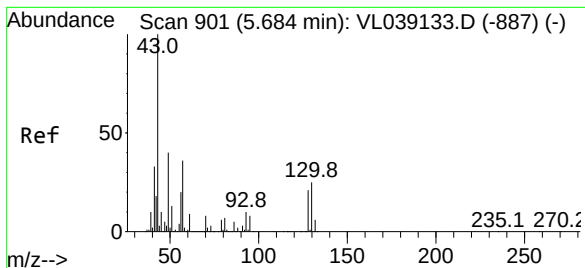
#24
 1,1-Dichloroethane
 Concen: 9.595 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52



Tgt Ion: 63 Resp: 1493154

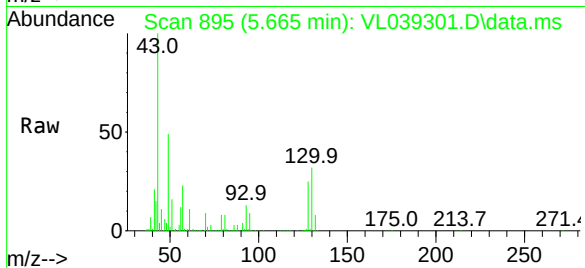
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.8	1.5	4.5





#25
Ethyl Acetate
Concen: 9.574 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

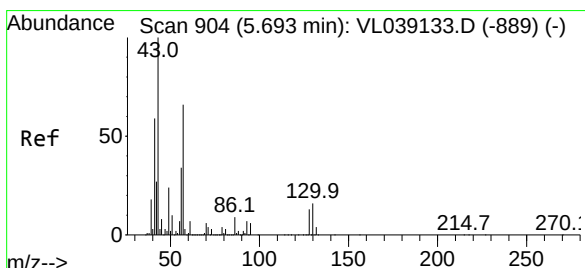
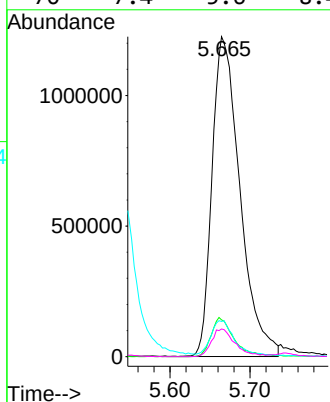
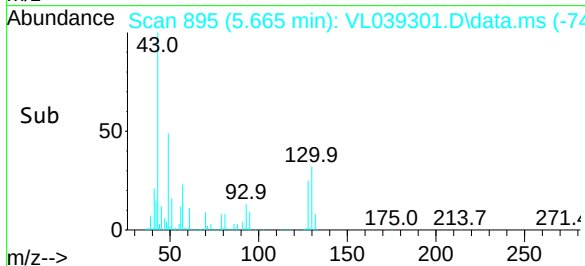


Tgt Ion: 43 Resp: 296236

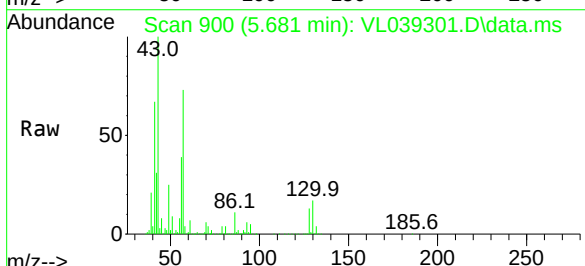
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.1	8.4	12.6
70	7.4	5.6	8.4

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

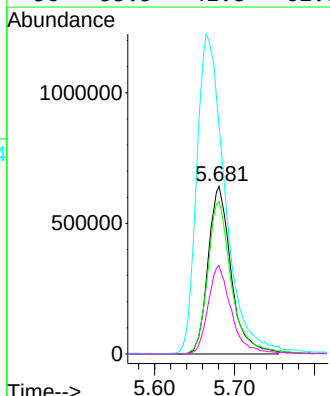
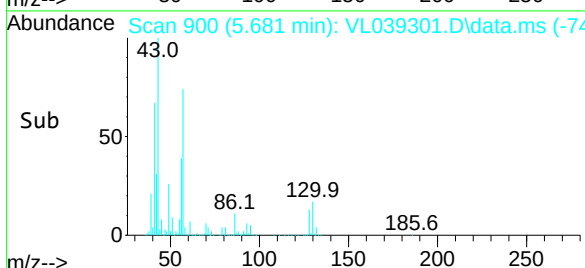


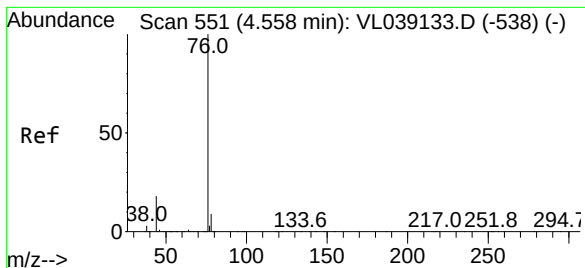
#26
Hexane
Concen: 9.443 ppbv
RT: 5.681 min Scan# 900
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



Tgt Ion: 57 Resp: 1283982

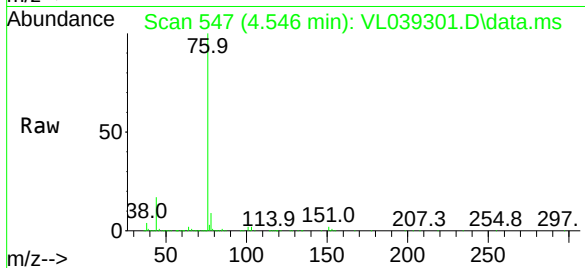
Ion	Ratio	Lower	Upper
57	100		
41	94.5	72.4	108.6
43	236.5	187.0	280.6
56	53.5	41.8	62.6





#27
Carbon Disulfide
Concen: 11.266 ppbv
RT: 4.546 min Scan# 547
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

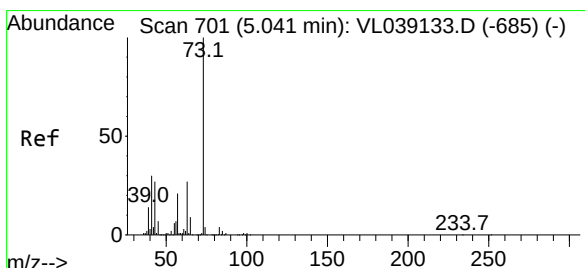
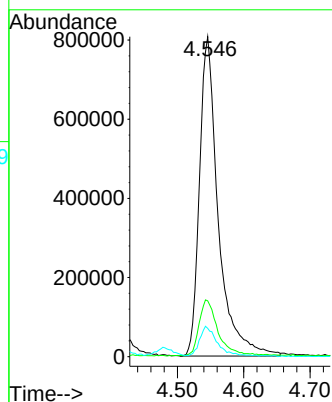
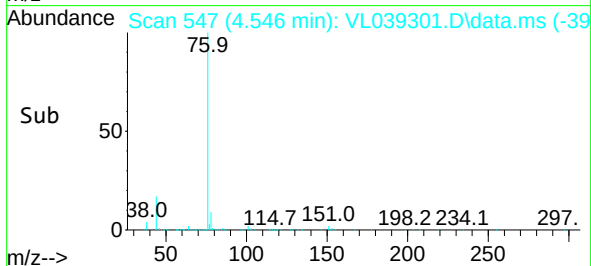
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



Tgt Ion: 76 Resp: 158764
Ion Ratio Lower Upper
76 100
44 17.8 14.4 21.6
78 9.4 7.7 11.5

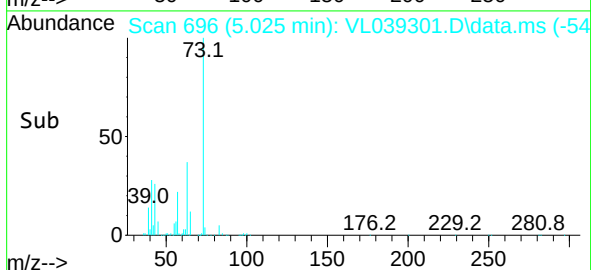
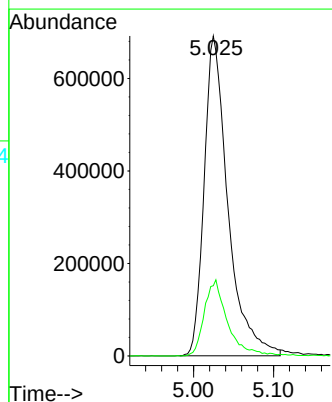
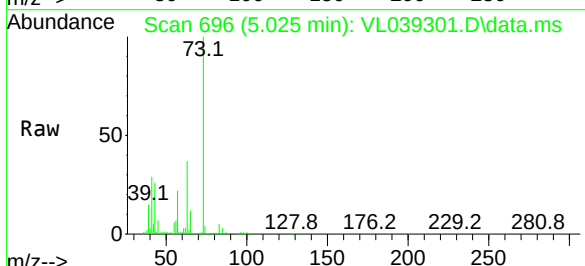
Manual Integrations
APPROVED

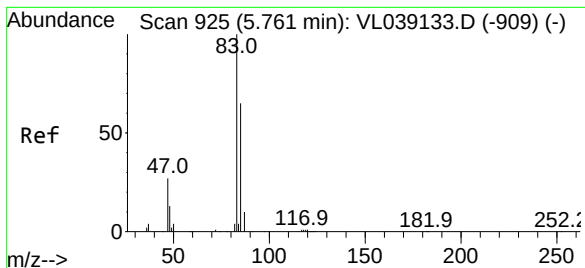
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#28
Methyl tert-Butyl Ether
Concen: 9.547 ppbv
RT: 5.025 min Scan# 696
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

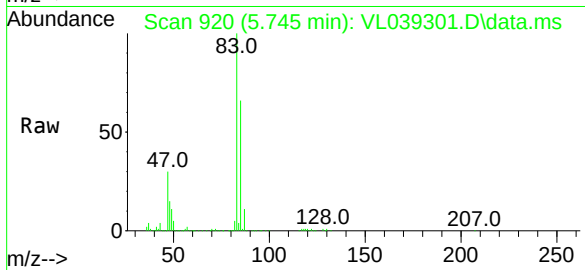
Tgt Ion: 73 Resp: 1433119
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8





#29
Chloroform
Concen: 8.883 ppbv
RT: 5.745 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

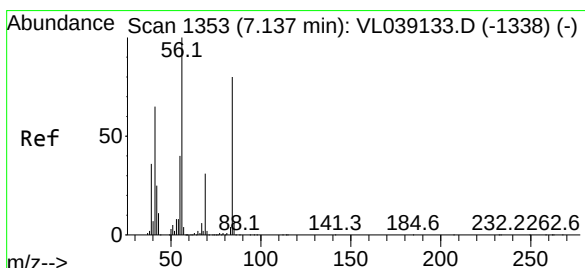
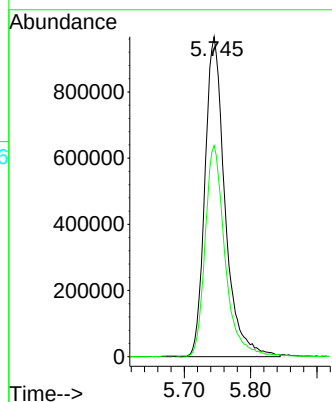
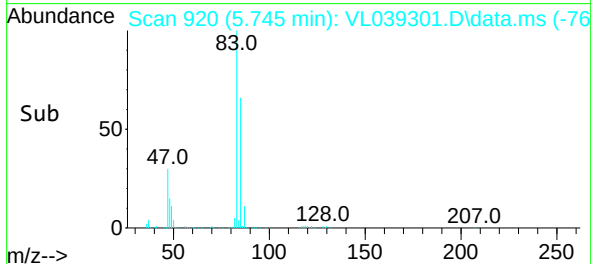
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



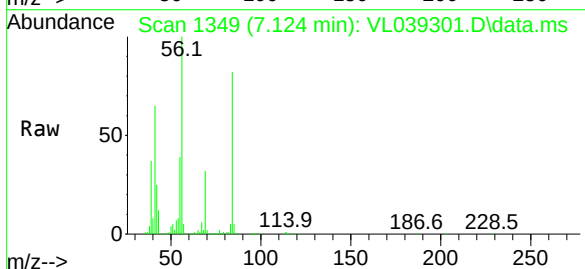
Tgt Ion: 83 Resp: 2032378
Ion Ratio Lower Upper
83 100
85 65.8 52.4 78.6

Manual Integrations
APPROVED

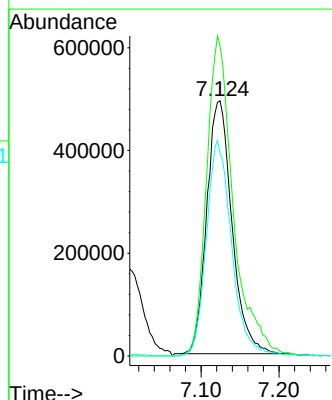
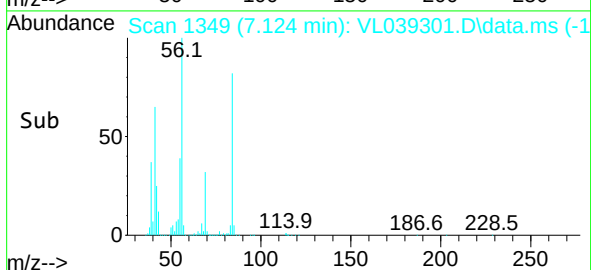
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

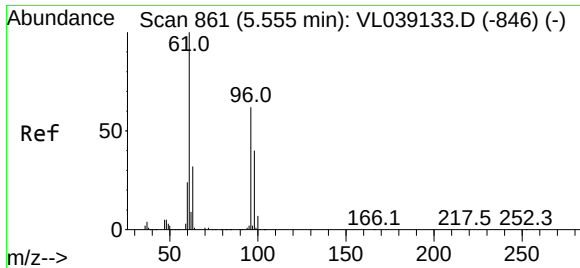


#30
Cyclohexane
Concen: 9.696 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



Tgt Ion: 84 Resp: 1107588
Ion Ratio Lower Upper
84 100
56 134.8 110.6 165.8
41 85.6 68.9 103.3





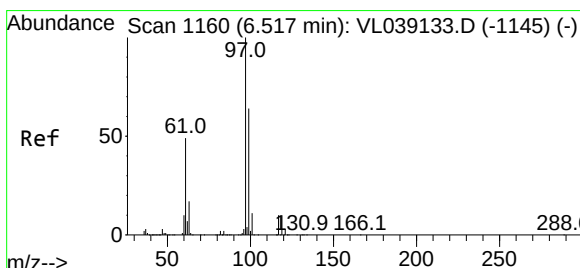
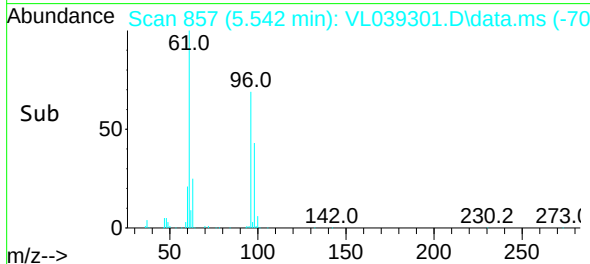
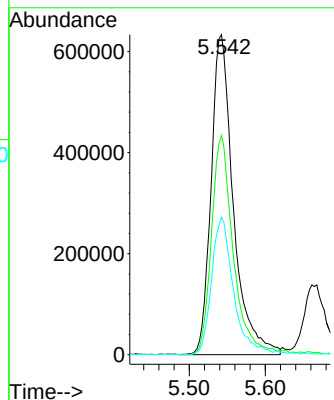
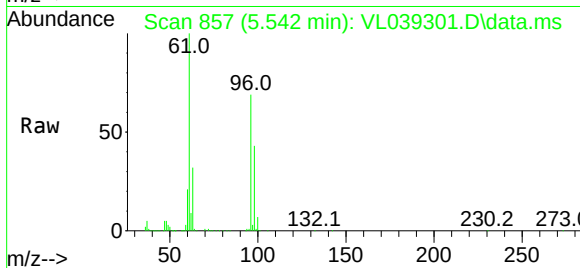
#31
 cis-1,2-Dichloroethene
 Concen: 9.272 ppbv
 RT: 5.542 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01

Tgt Ion: 61 Resp: 128553
 Ion Ratio Lower Upper
 61 100
 96 68.4 49.9 74.9
 98 43.0 32.0 48.0

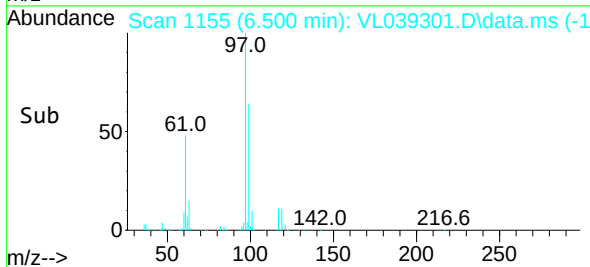
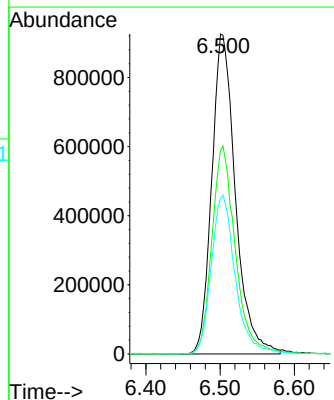
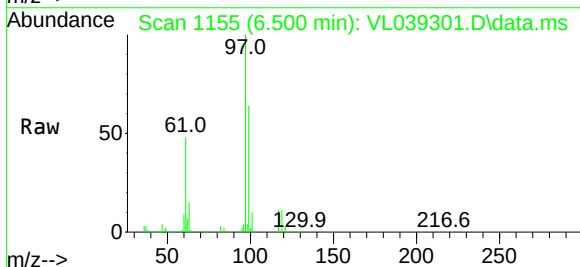
Manual Integrations
 APPROVED

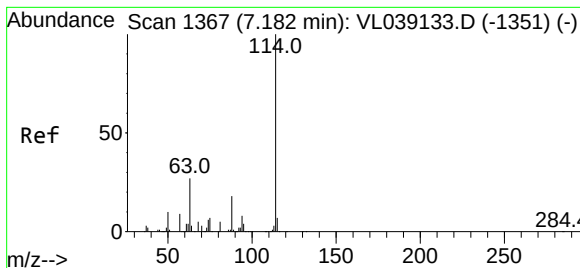
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.147 ppbv
 RT: 6.500 min Scan# 1155
 Delta R.T. -0.016 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

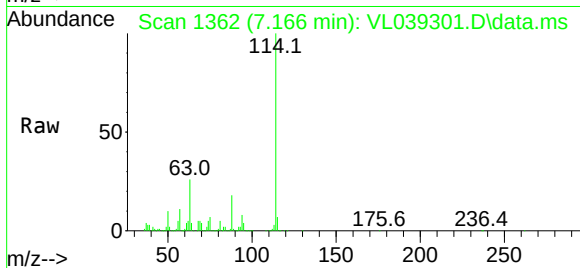
Tgt Ion: 97 Resp: 2047968
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 50.6 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

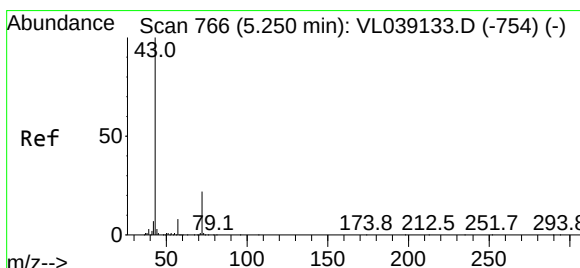
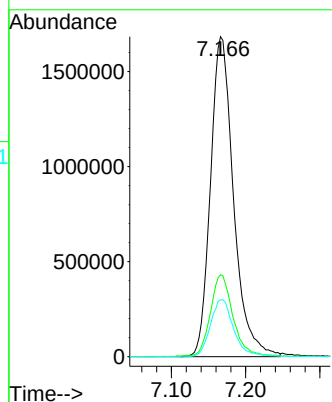
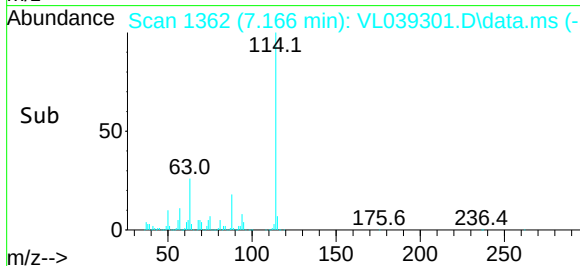
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



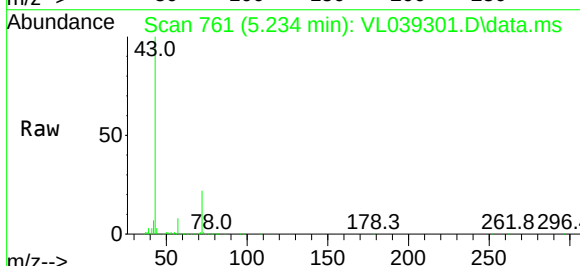
Tgt Ion:114 Resp: 363026
Ion Ratio Lower Upper
114 100
63 25.5 21.7 32.5
88 18.1 14.8 22.2

Manual Integrations
APPROVED

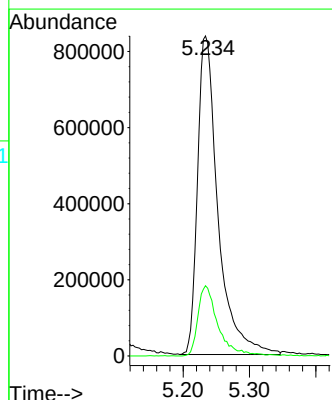
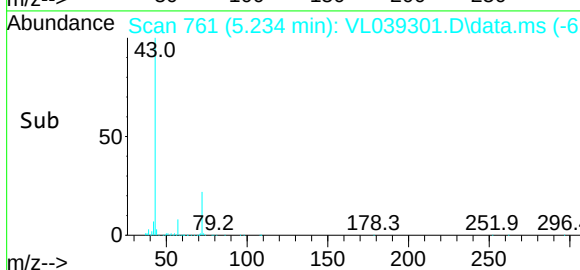
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

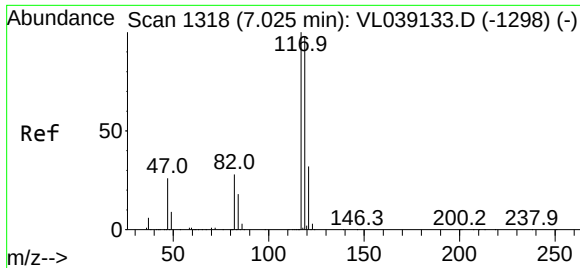


#34
2-Butanone
Concen: 9.091 ppbv
RT: 5.234 min Scan# 761
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



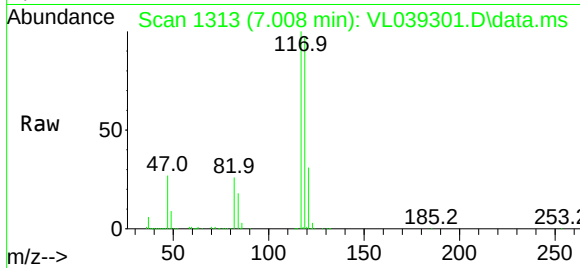
Tgt Ion: 43 Resp: 1793077
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.036 ppbv
RT: 7.008 min Scan# 1117
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

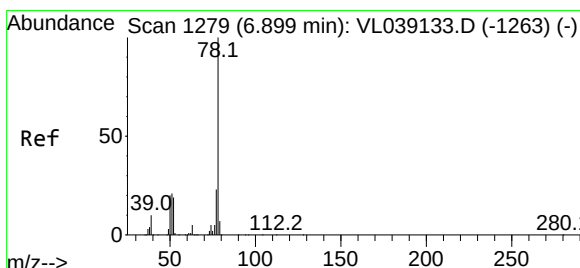
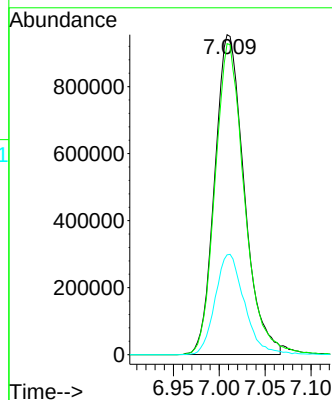
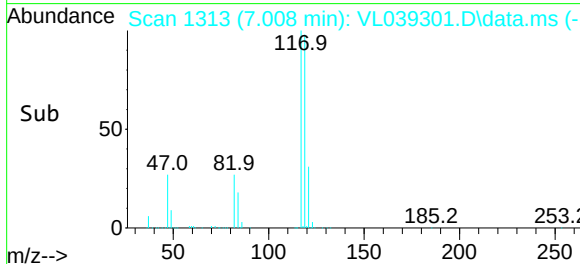
Instrument : MSVOA_L
ClientSampleId : VL0615ABS01



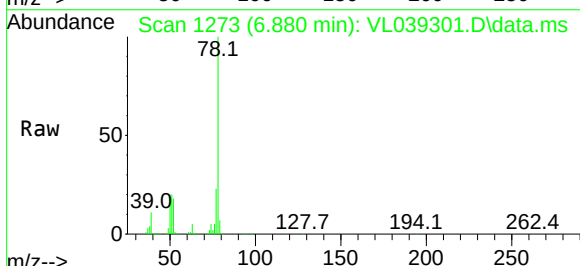
Tgt Ion: 117 Resp: 2129234
Ion Ratio Lower Upper
117 100
119 97.2 78.6 118.0
121 31.2 25.4 38.0

Manual Integrations
APPROVED

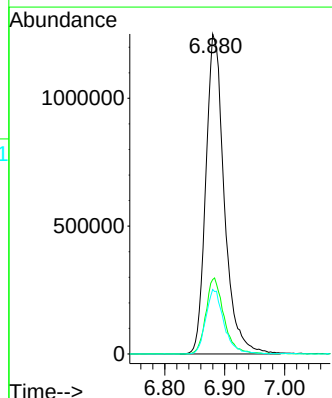
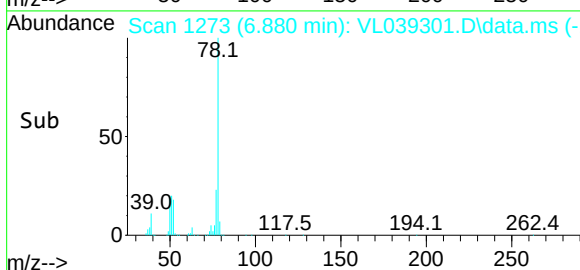
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

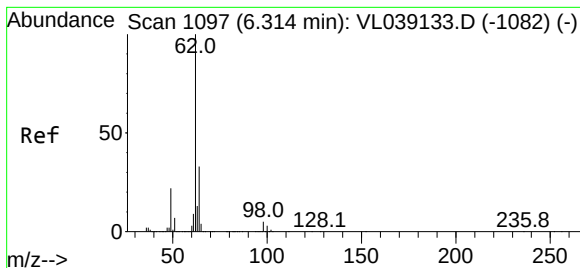


#36
Benzene
Concen: 9.099 ppbv
RT: 6.880 min Scan# 1273
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



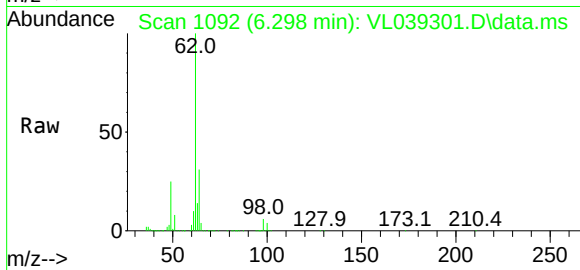
Tgt Ion: 78 Resp: 2681739
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
50 20.1 15.8 23.8





#37
1,2-Dichloroethane
Concen: 8.011 ppbv
RT: 6.298 min Scan# 1097
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

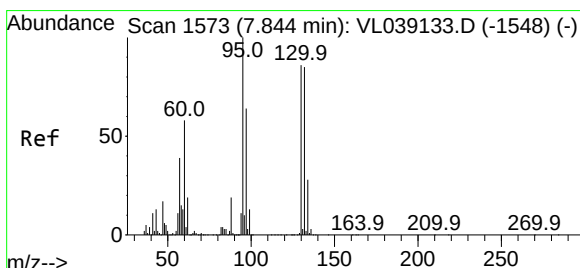
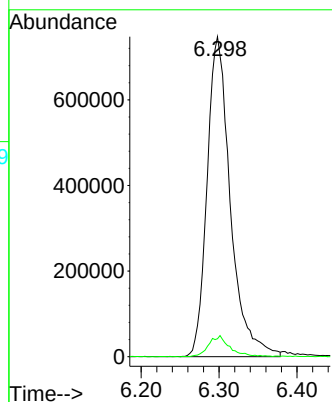
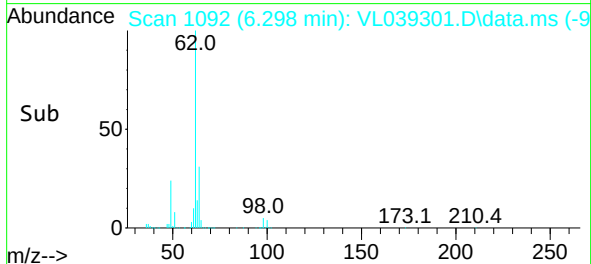
Instrument : MSVOA_L
ClientSampleId : VL0615ABS01



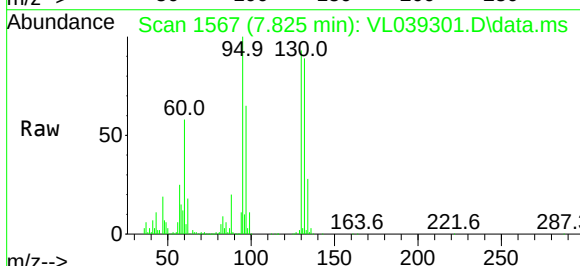
Tgt Ion: 62 Resp: 1553918
Ion Ratio Lower Upper
62 100
98 6.1 4.3 6.5

Manual Integrations
APPROVED

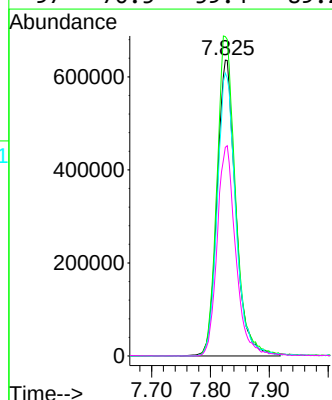
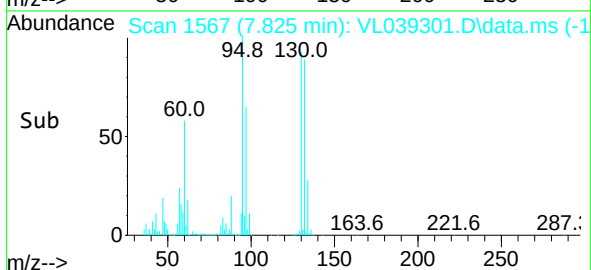
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

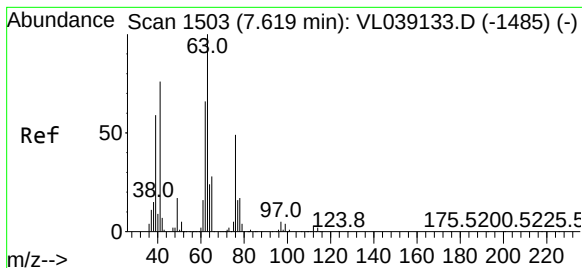


#38
Trichloroethene
Concen: 10.282 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



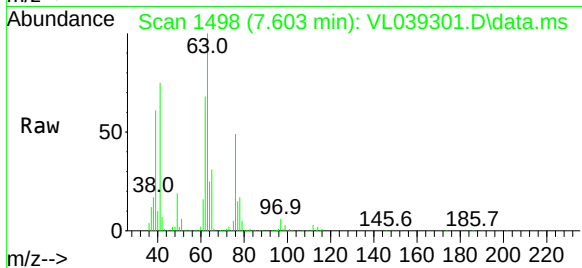
Tgt Ion:130 Resp: 1391958
Ion Ratio Lower Upper
130 100
95 107.9 93.3 139.9
132 95.6 79.0 118.4
97 70.5 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.467 ppbv
RT: 7.603 min Scan# 1485
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

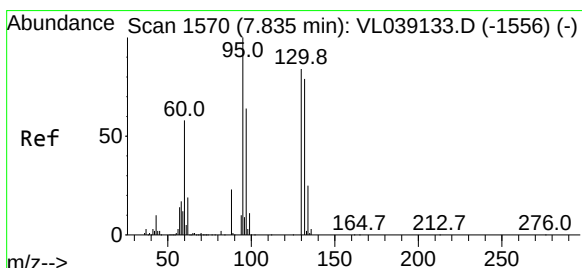
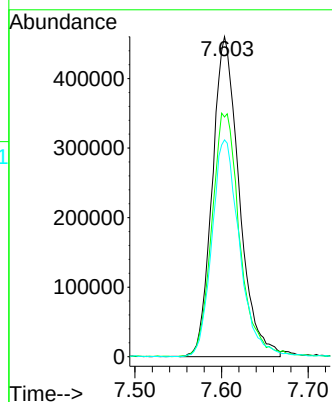
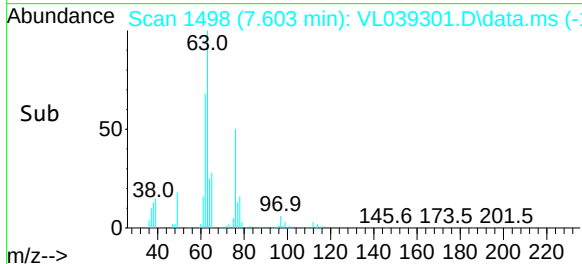
Instrument : MSVOA_L
ClientSampleId : VL0615ABS01



Tgt Ion: 63 Resp: 992608
Ion Ratio Lower Upper
63 100
41 74.7 60.8 91.2
62 67.7 52.9 79.3

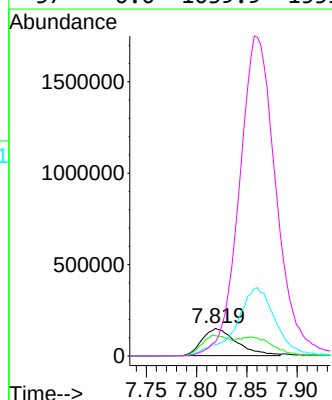
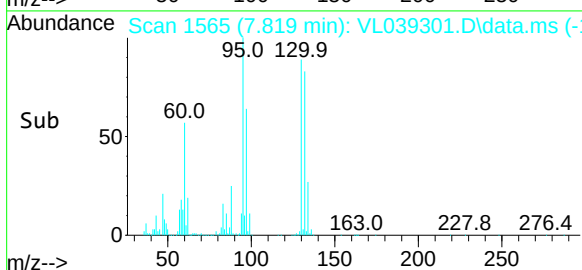
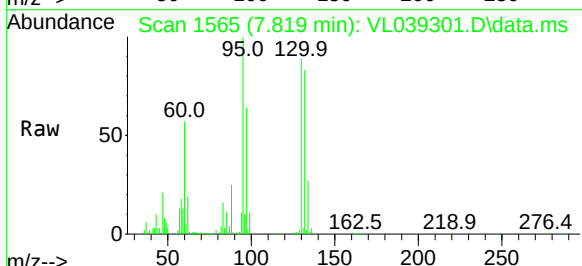
Manual Integrations
APPROVED

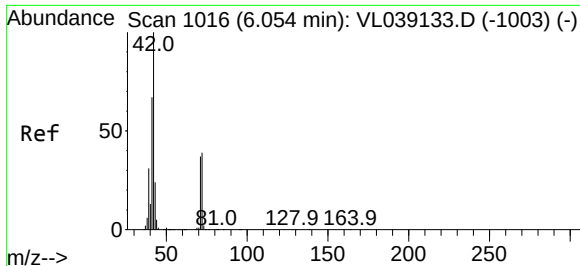
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#40
1,4-Dioxane
Concen: 9.219 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

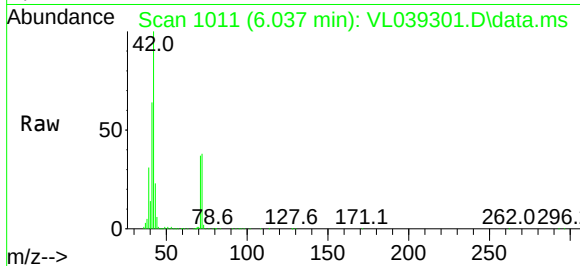
Tgt Ion: 88 Resp: 355774
Ion Ratio Lower Upper
88 100
58 64.2 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 8.657 ppbv
RT: 6.037 min Scan# 1016
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

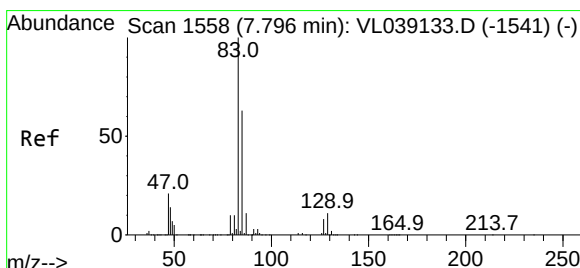
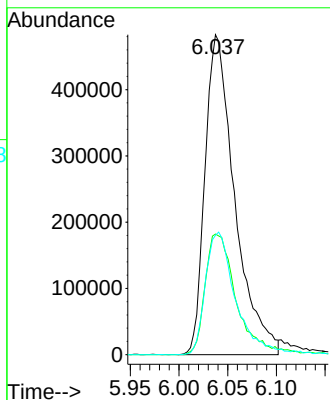
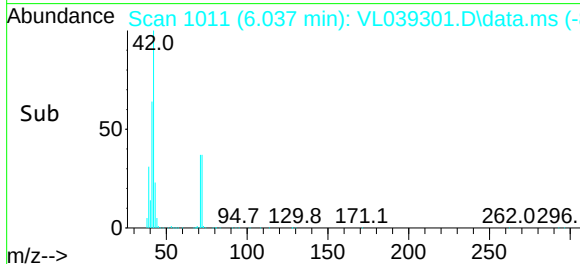
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



Tgt Ion: 42 Resp: 102690
Ion Ratio Lower Upper
42 100
72 40.3 32.0 48.0
71 39.7 31.1 46.7

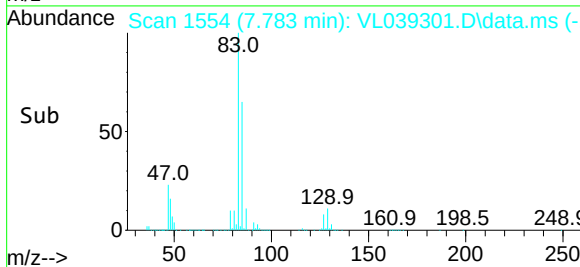
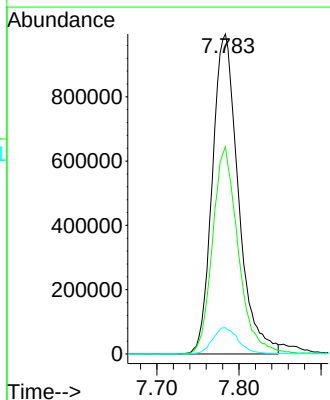
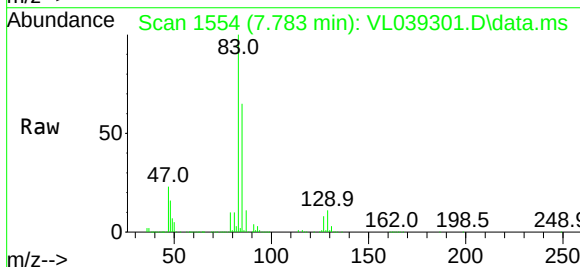
Manual Integrations
APPROVED

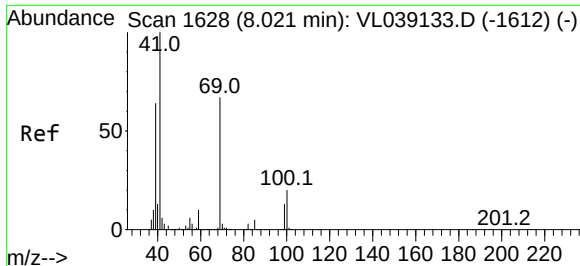
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#42
Bromodichloromethane
Concen: 8.146 ppbv
RT: 7.783 min Scan# 1554
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

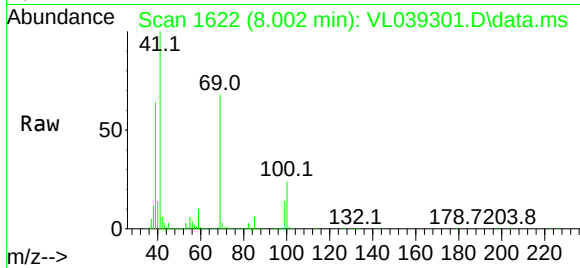
Tgt Ion: 83 Resp: 2192698
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4
127 8.2 6.6 9.8





#43
Methyl Methacrylate
Concen: 9.358 ppbv
RT: 8.002 min Scan# 1074338
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

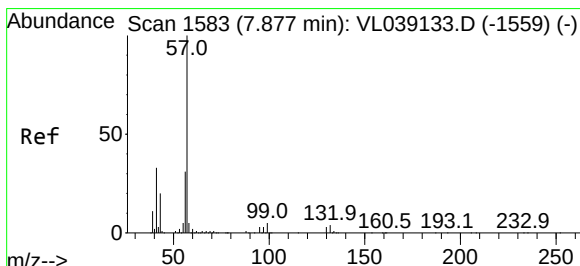
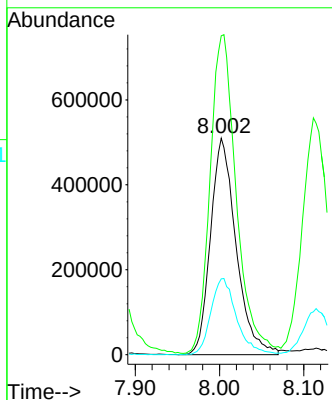
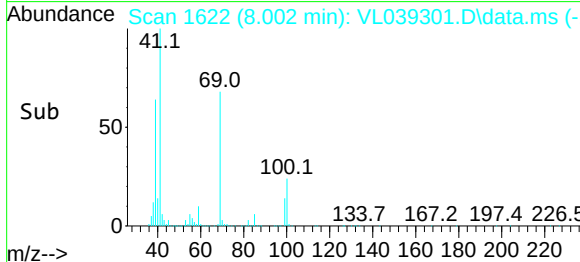
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



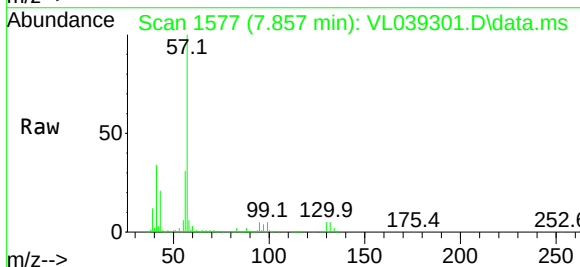
Tgt Ion: 69 Resp: 1074338
Ion Ratio Lower Upper
69 100
41 151.9 121.9 182.9
100 35.5 24.1 36.1

Manual Integrations
APPROVED

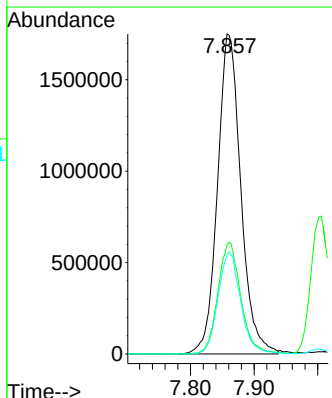
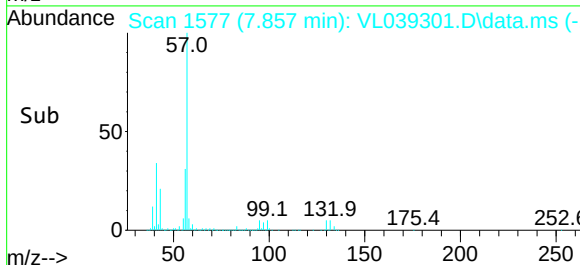
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

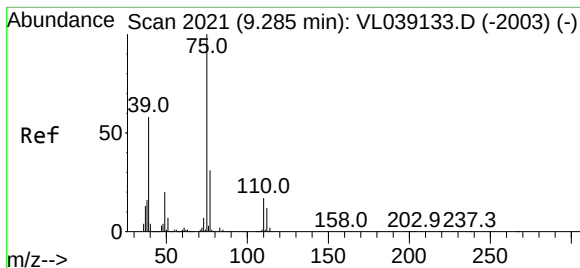


#44
2,2,4-Trimethylpentane
Concen: 8.635 ppbv
RT: 7.857 min Scan# 1577
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



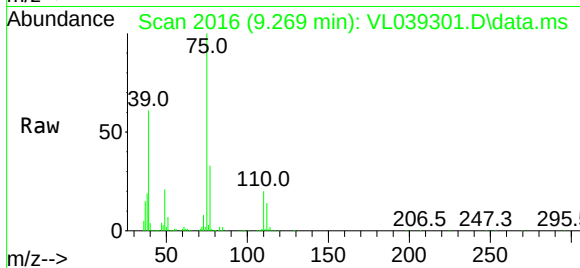
Tgt Ion: 57 Resp: 4452185
Ion Ratio Lower Upper
57 100
41 34.2 26.2 39.4
56 30.9 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 8.787 ppbv
RT: 9.269 min Scan# 2021
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

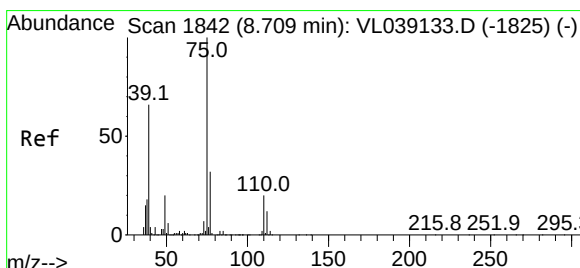
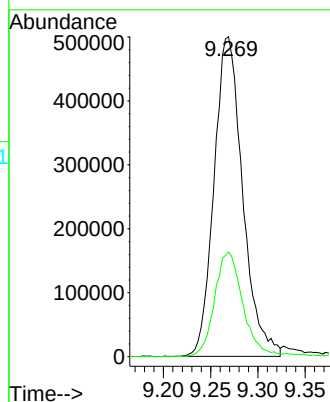
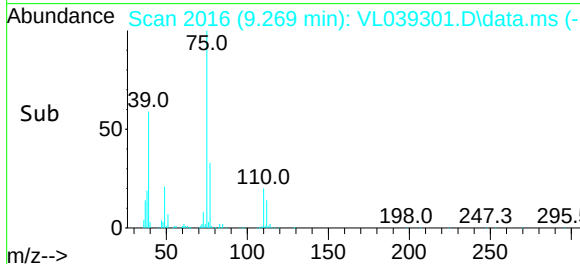
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



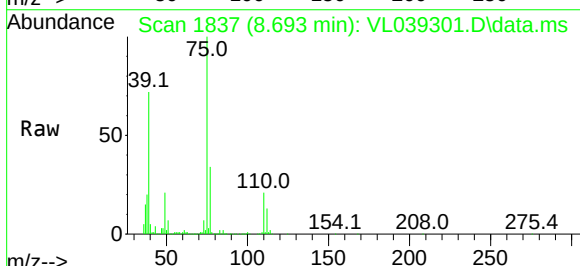
Tgt Ion: 75 Resp: 1050612
Ion Ratio Lower Upper
75 100
77 32.7 24.4 36.6

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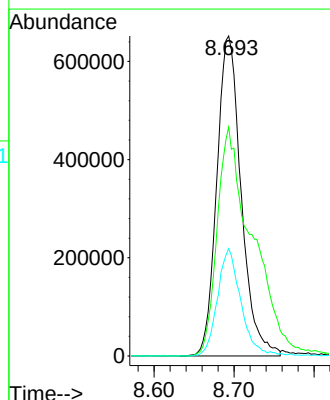
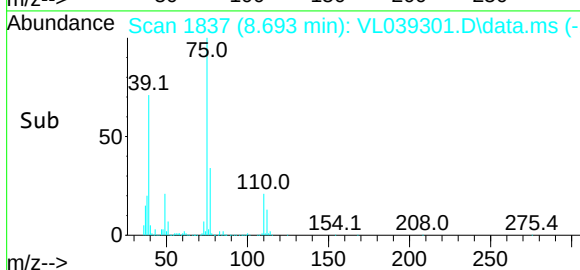
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

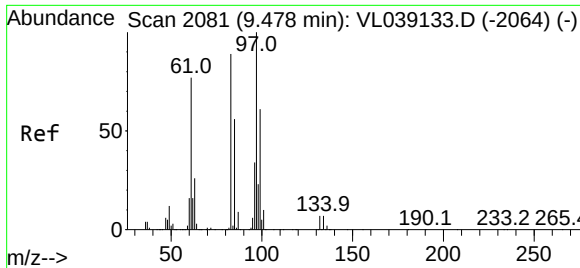


#46
cis-1,3-Dichloropropene
Concen: 8.722 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



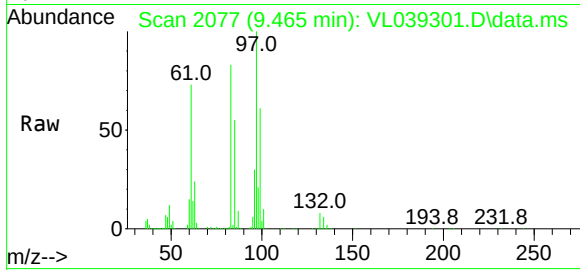
Tgt Ion: 75 Resp: 1377547
Ion Ratio Lower Upper
75 100
39 71.4 52.4 78.6
77 33.5 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.027 ppbv
RT: 9.465 min Scan# 2081
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

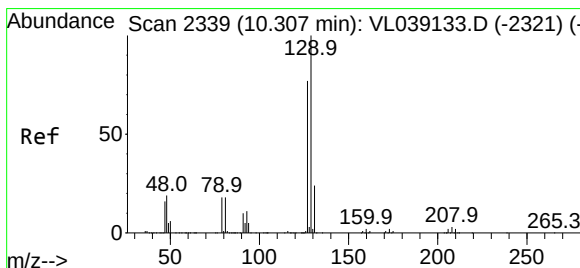
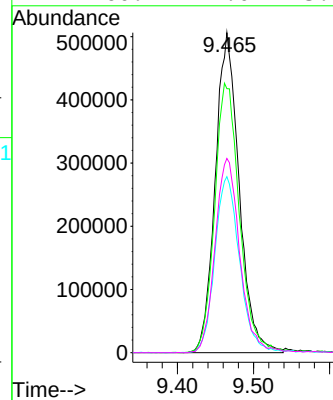
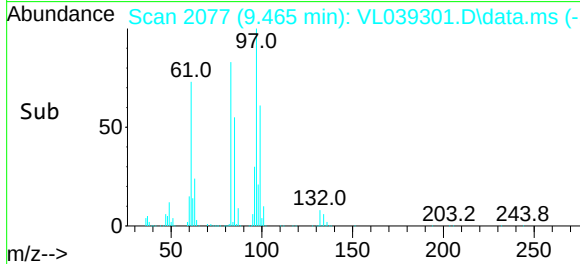
Instrument : MSVOA_L
ClientSampleId : VL0615ABS01



Tgt Ion: 97 Resp: 1103999
Ion Ratio Lower Upper
97 100
83 82.5 71.6 107.4
85 54.9 44.8 67.2
99 60.7 49.0 73.4

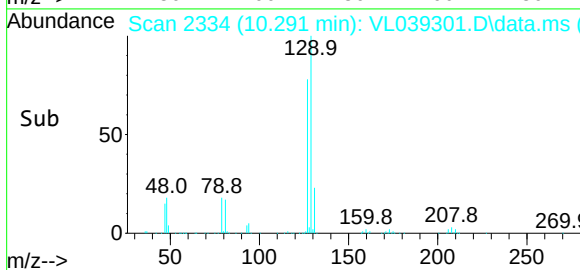
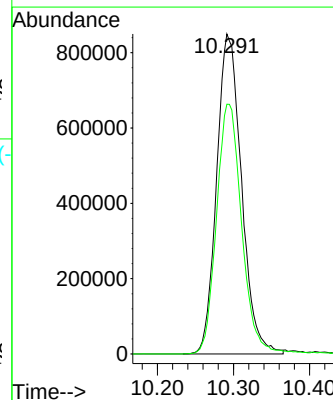
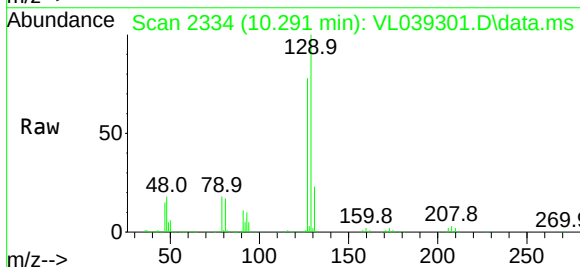
Manual Integrations
APPROVED

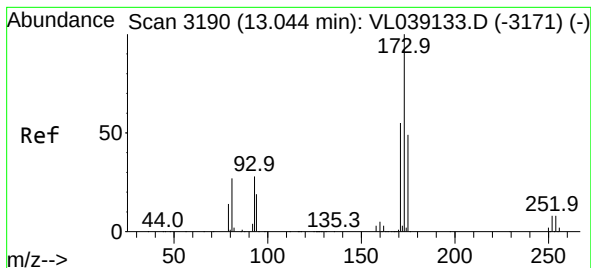
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#48
Dibromochloromethane
Concen: 8.833 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:129 Resp: 1928833
Ion Ratio Lower Upper
129 100
127 80.1 40.0 119.9





#49

Bromoform

Concen: 8.658 ppbv

RT: 13.031 min Scan# 3190

Delta R.T. -0.013 min

Lab File: VL039301.D

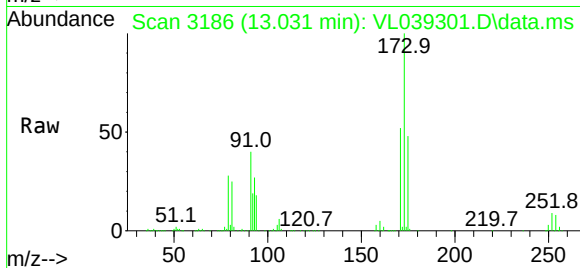
Acq: 15 Jun 2022 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01



Tgt Ion:173 Resp: 1575718

Ion Ratio Lower Upper

173 100

175 51.2 40.2 60.2

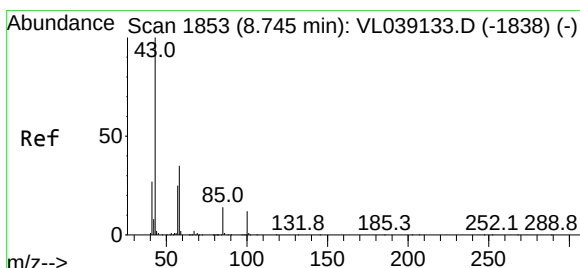
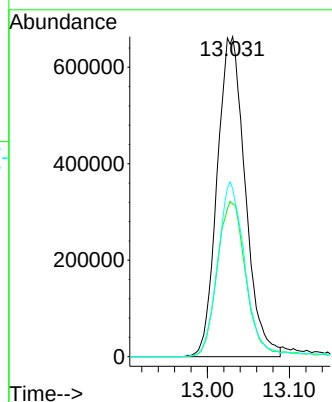
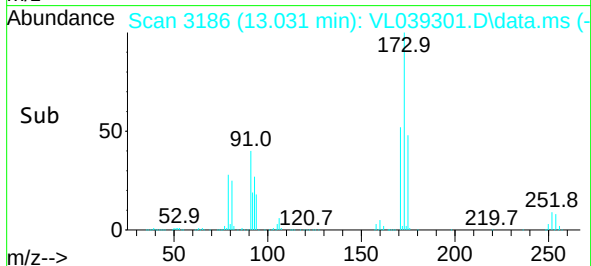
171 53.2 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#50

4-Methyl-2-Pentanone

Concen: 9.364 ppbv

RT: 8.729 min Scan# 1848

Delta R.T. -0.016 min

Lab File: VL039301.D

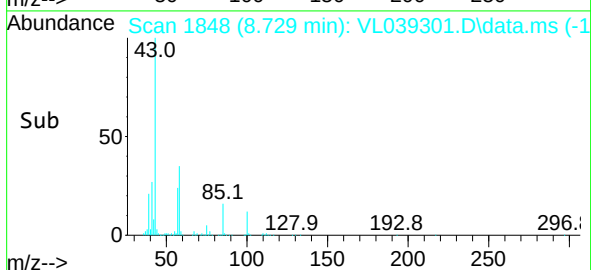
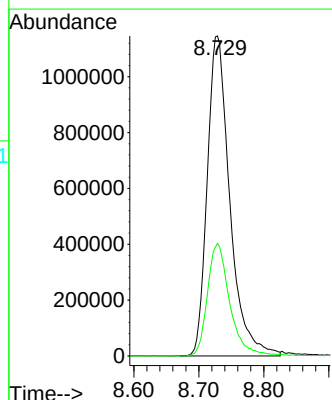
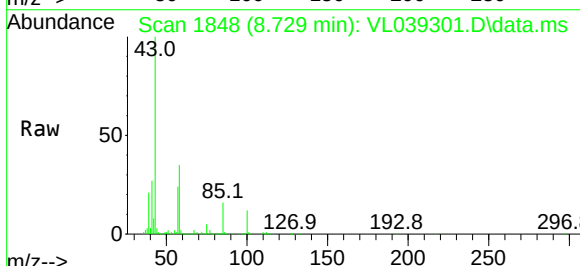
Acq: 15 Jun 2022 17:52

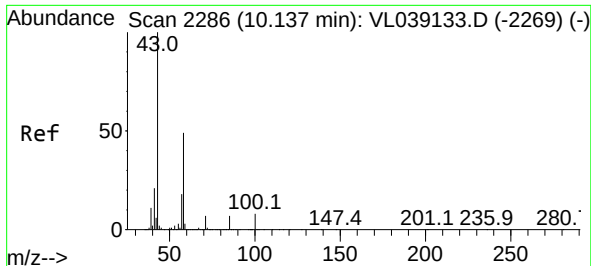
Tgt Ion: 43 Resp: 2764436

Ion Ratio Lower Upper

43 100

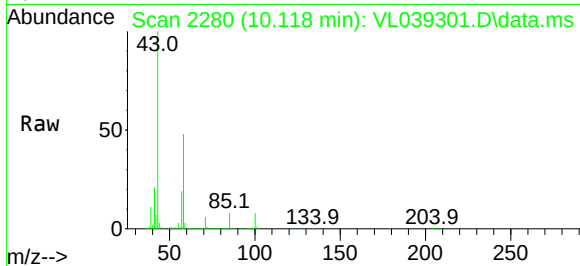
58 35.1 28.7 43.1





#51
2-Hexanone
Concen: 9.340 ppbv
RT: 10.118 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

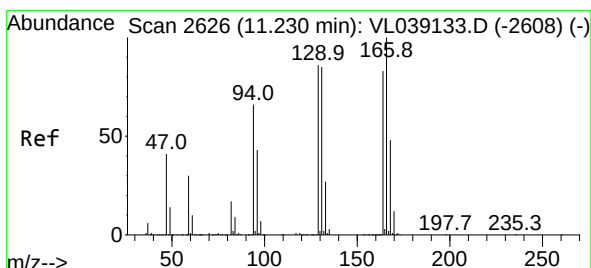
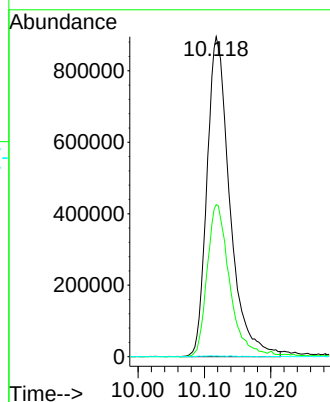
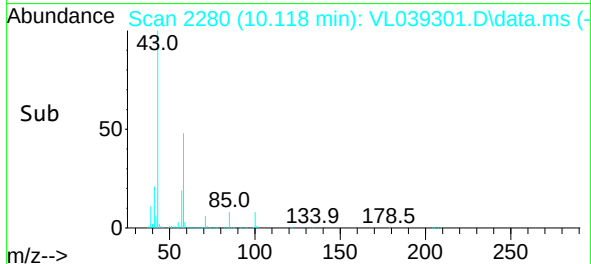
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



Tgt Ion: 43 Resp: 2145624
Ion Ratio Lower Upper
43 100
58 47.7 40.0 60.0
98 0.3 0.1 0.1

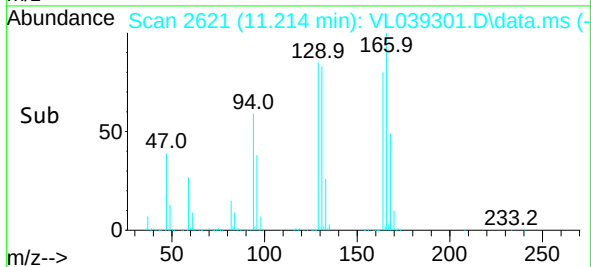
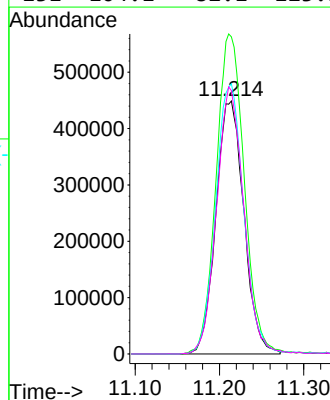
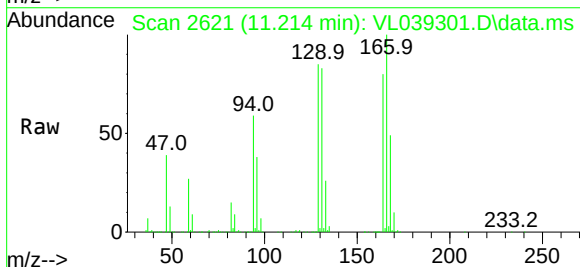
Manual Integrations
APPROVED

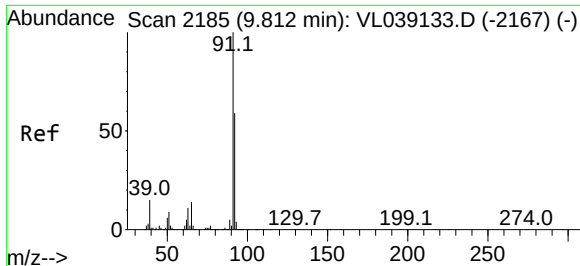
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#52
Tetrachloroethene
Concen: 8.988 ppbv
RT: 11.214 min Scan# 2621
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:164 Resp: 1034266
Ion Ratio Lower Upper
164 100
166 125.3 96.3 144.5
129 106.8 82.5 123.7
131 104.1 82.1 123.1





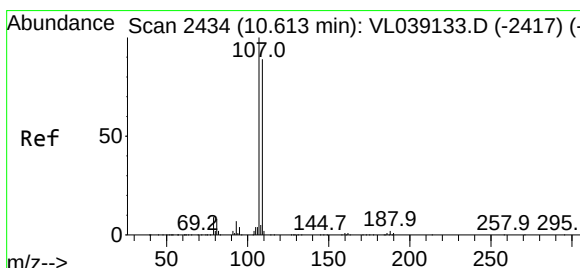
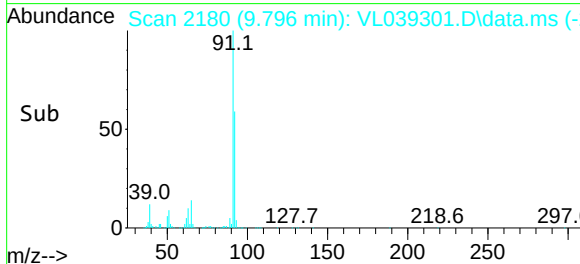
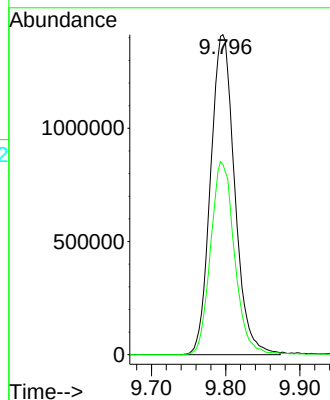
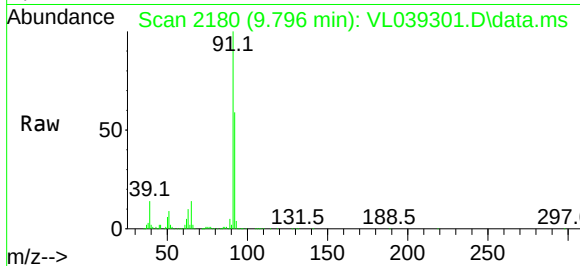
#53
Toluene
Concen: 9.399 ppbv
RT: 9.796 min Scan# 2185
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 91 Resp: 318963
Ion Ratio Lower Upper
91 100
92 60.3 48.1 72.1

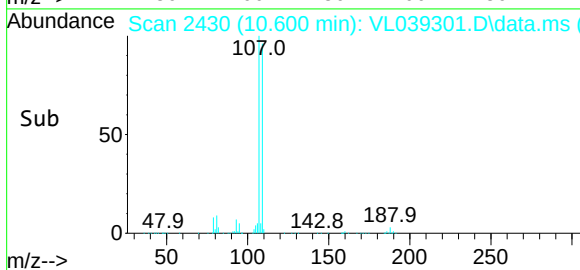
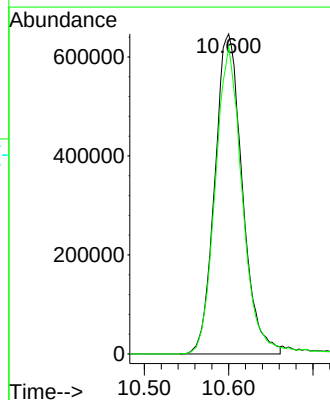
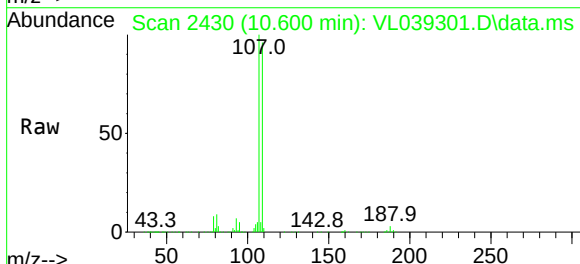
Manual Integrations
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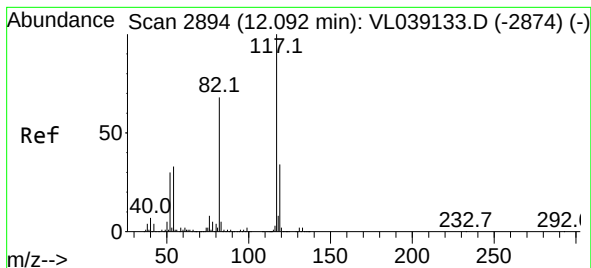
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#54
1,2-Dibromoethane
Concen: 8.923 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Tgt Ion:107 Resp: 1466448
Ion Ratio Lower Upper
107 100
109 96.0 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.073 min Scan# 2888

Delta R.T. -0.019 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

Tgt Ion:117 Resp: 334257

Ion Ratio Lower Upper

117 100

82 66.8 55.1 82.7

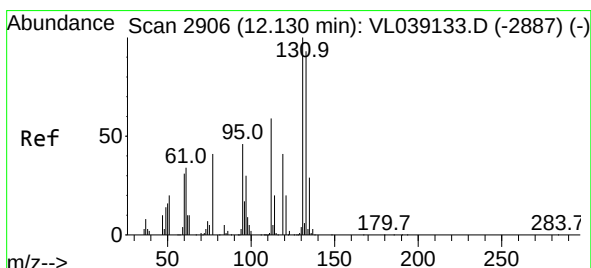
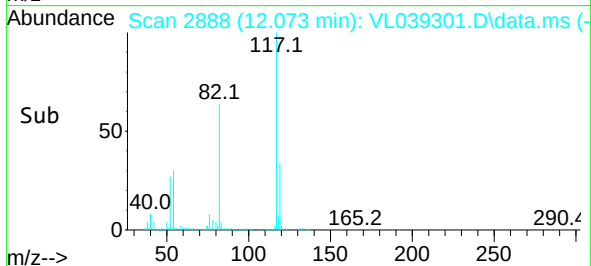
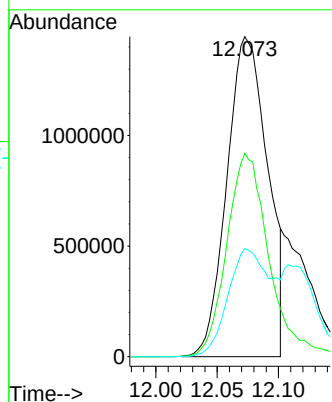
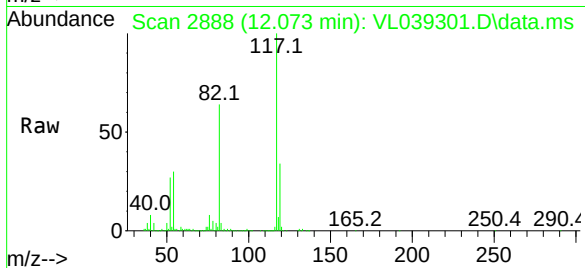
119 32.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.863 ppbv

RT: 12.118 min Scan# 2902

Delta R.T. -0.013 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

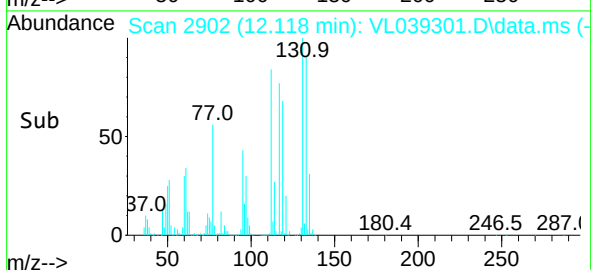
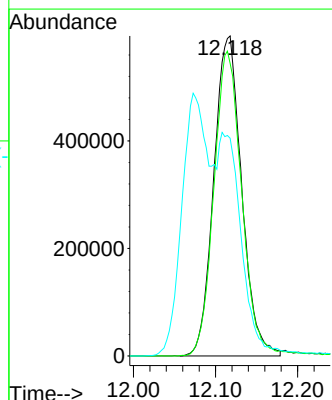
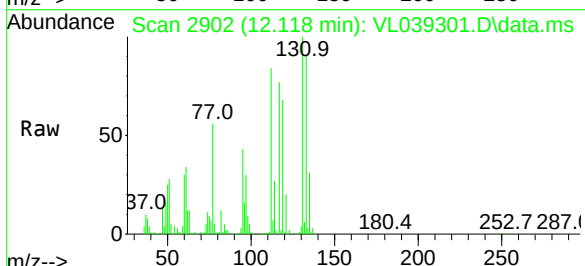
Tgt Ion:131 Resp: 1401748

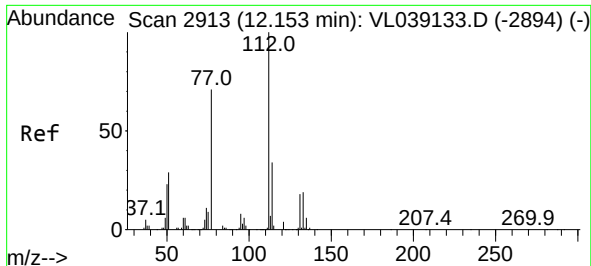
Ion Ratio Lower Upper

131 100

133 96.2 78.6 117.8

119 66.2 51.7 77.5





#57

Chlorobenzene

Concen: 9.385 ppbv

RT: 12.134 min Scan# 2913

Delta R.T. -0.019 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

Tgt Ion:112 Resp: 236040

Ion Ratio Lower Upper

112 100

77 64.6 56.5 84.7

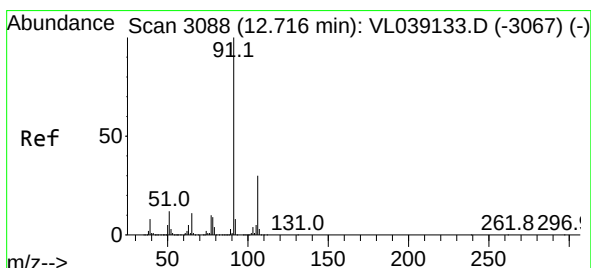
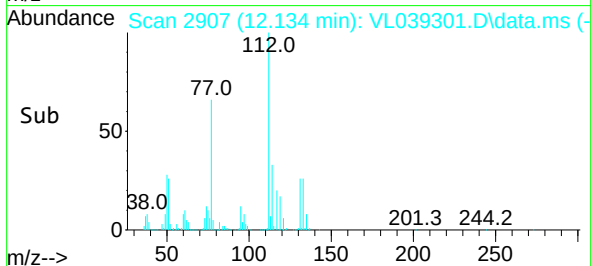
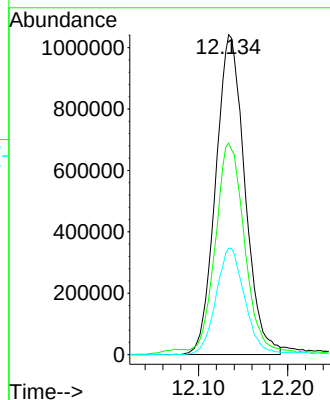
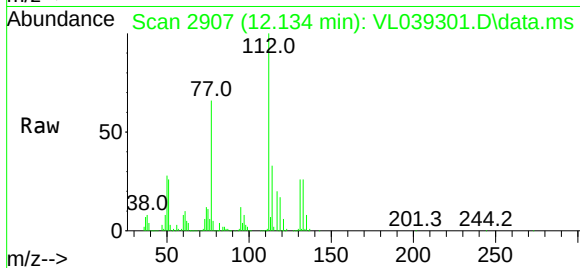
114 33.2 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#58

Ethyl Benzene

Concen: 9.170 ppbv

RT: 12.700 min Scan# 3083

Delta R.T. -0.016 min

Lab File: VL039301.D

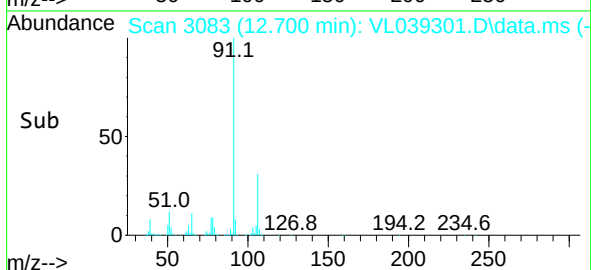
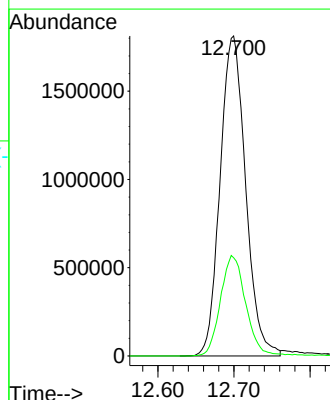
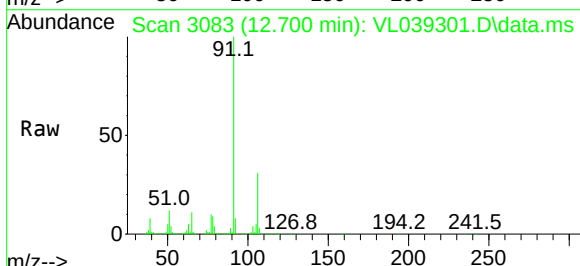
Acq: 15 Jun 2022 17:52

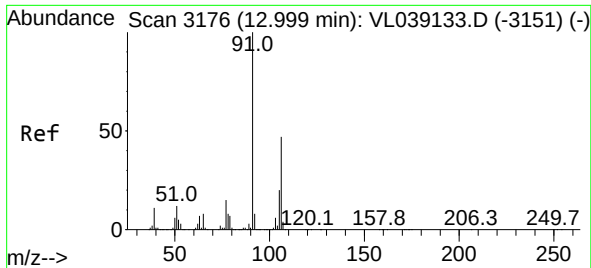
Tgt Ion: 91 Resp: 4222177

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4





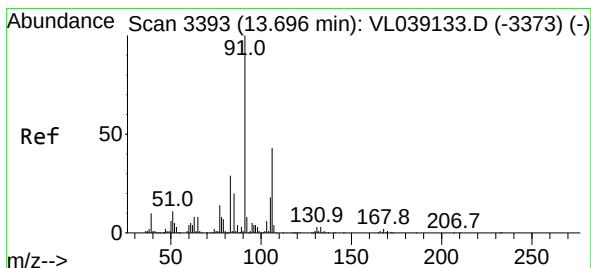
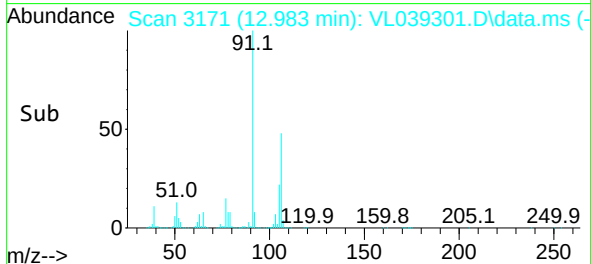
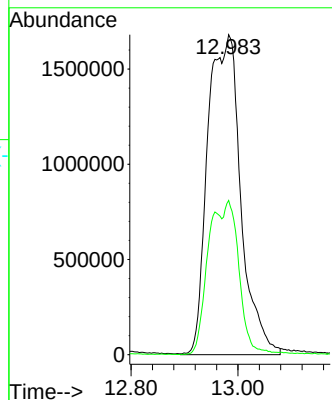
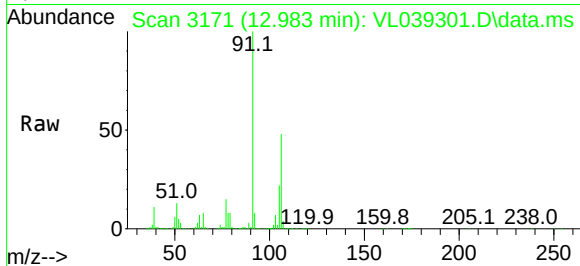
#59
m/p-Xylene
Concen: 17.762 ppbv m
RT: 12.983 min Scan# 3176
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01

Tgt Ion: 91 Resp: 7201480
Ion Ratio Lower Upper
91 100
106 44.6 34.3 51.5

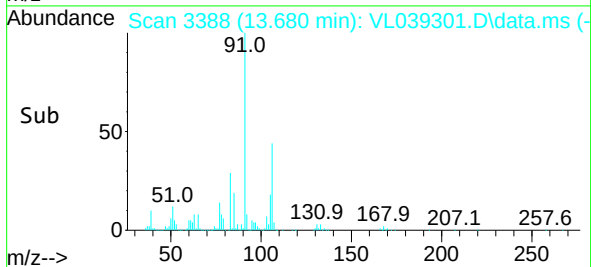
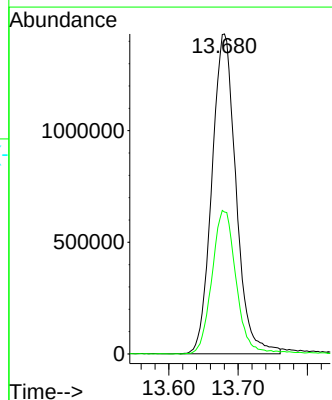
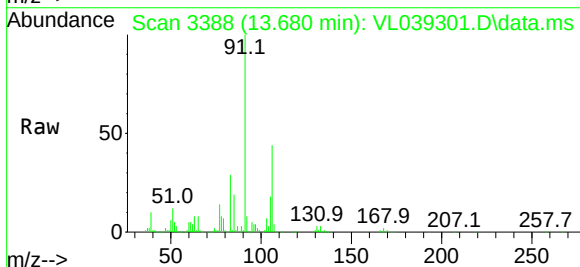
Manual Integrations
APPROVED

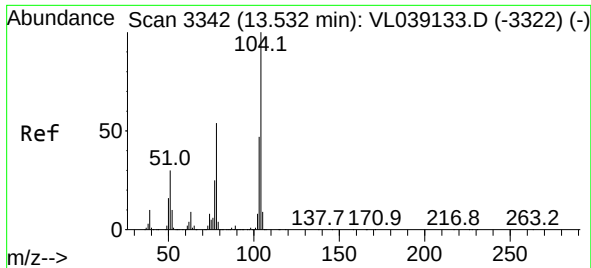
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022



#60
o-Xylene
Concen: 9.090 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

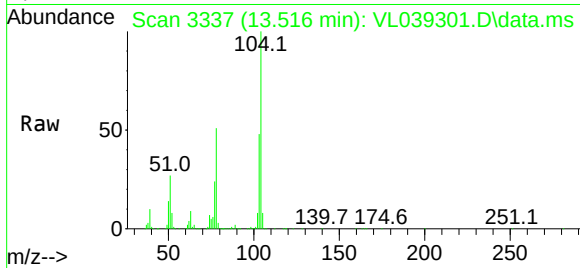
Tgt Ion: 91 Resp: 3463105
Ion Ratio Lower Upper
91 100
106 45.7 22.3 66.9





#61
Styrene
Concen: 10.143 ppbv
RT: 13.516 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

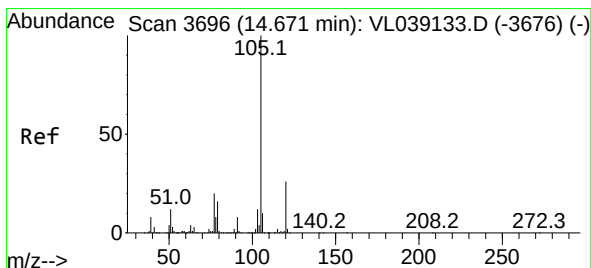
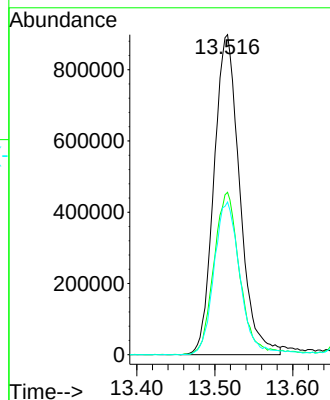
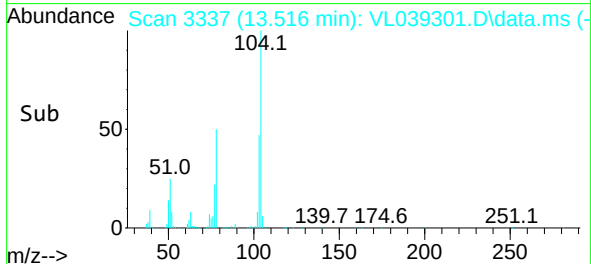
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



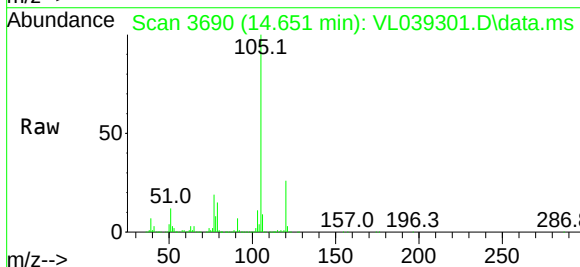
Tgt Ion:104 Resp: 2069309
Ion Ratio Lower Upper
104 100
78 51.7 45.7 68.5
103 48.7 39.6 59.4

Manual Integrations
APPROVED

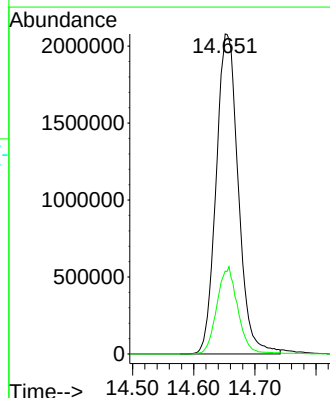
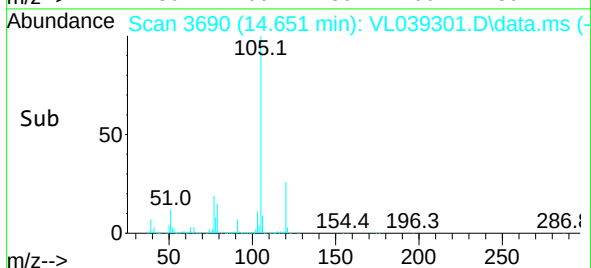
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

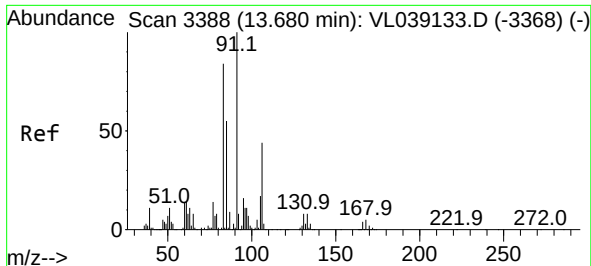


#62
Isopropylbenzene
Concen: 9.220 ppbv
RT: 14.651 min Scan# 3690
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



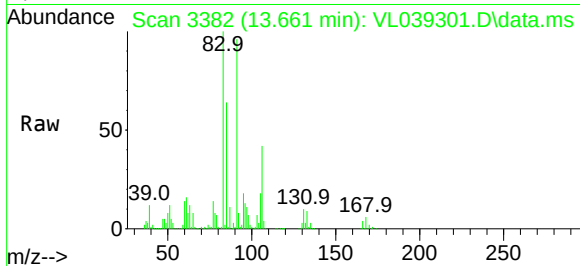
Tgt Ion:105 Resp: 5220895
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.130 ppbv
RT: 13.661 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

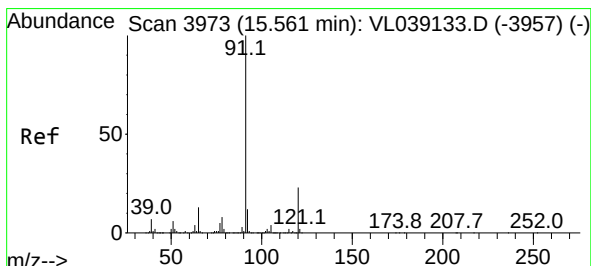
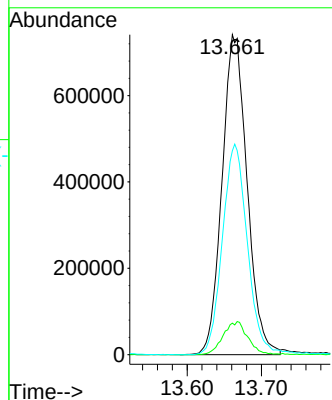
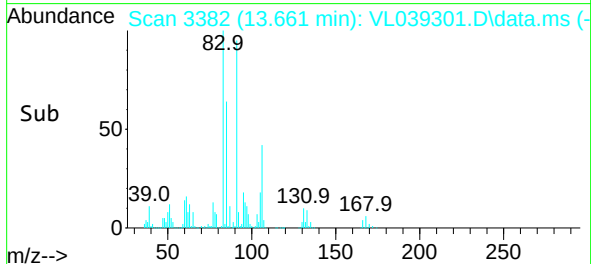
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



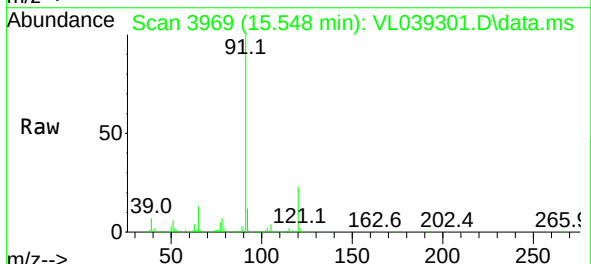
Tgt Ion: 83 Resp: 173855
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 66.5 33.0 99.0

Manual Integrations
APPROVED

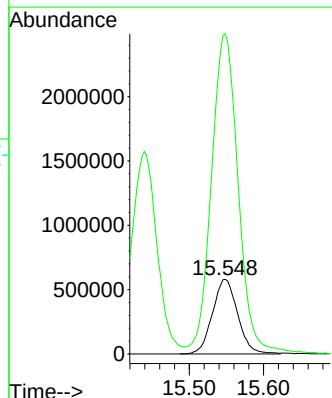
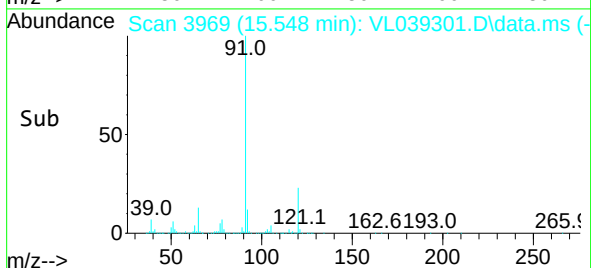
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

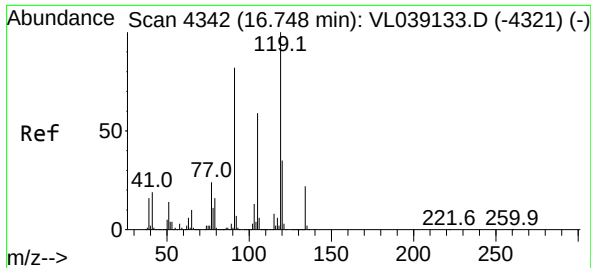


#64
n-propylbenzene
Concen: 9.818 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



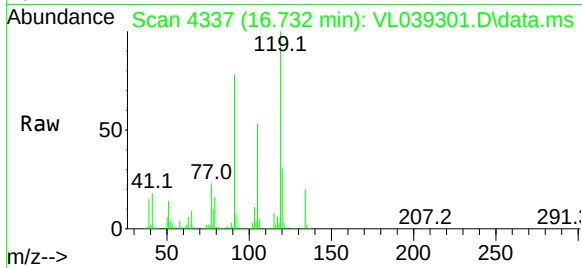
Tgt Ion:120 Resp: 1366623
Ion Ratio Lower Upper
120 100
91 458.2 388.4 582.6





#65
tert-Butylbenzene
Concen: 9.208 ppbv
RT: 16.732 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

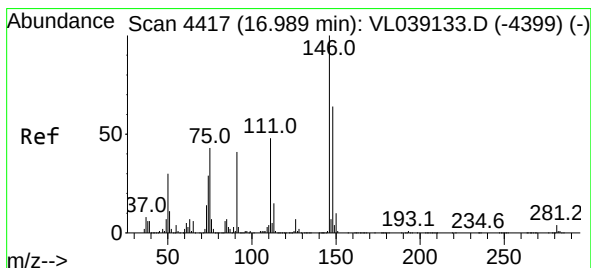
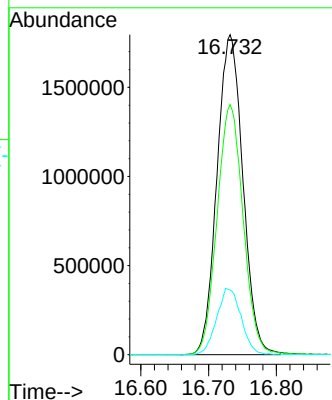
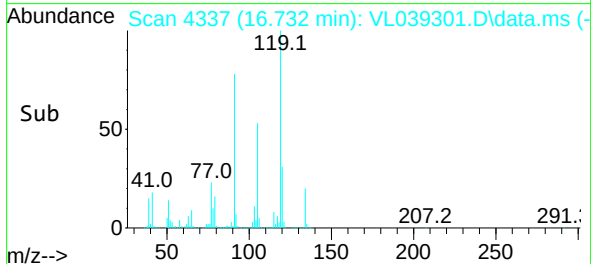
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



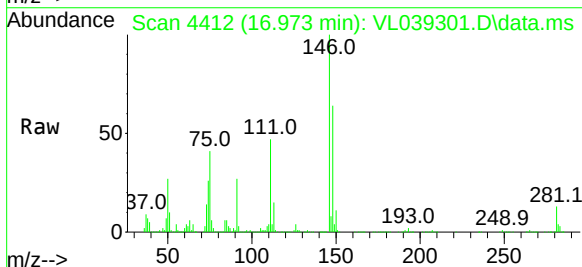
Tgt Ion: 119 Resp: 4767724
Ion Ratio Lower Upper
119 100
91 78.7 67.1 100.7
134 19.7 15.8 23.8

Manual Integrations
APPROVED

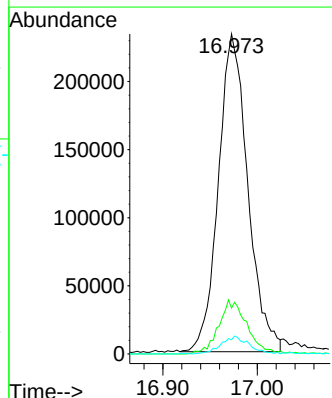
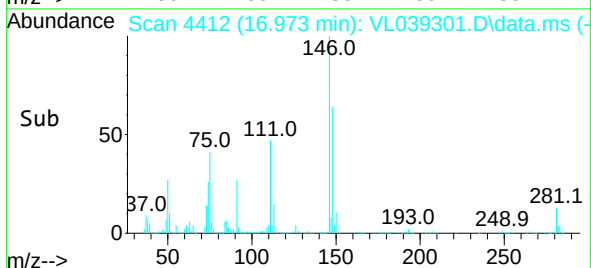
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

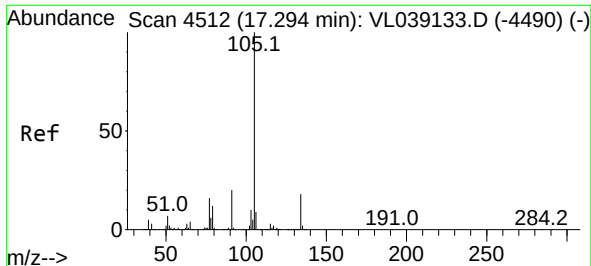


#66
Benzyl Chloride
Concen: 7.489 ppbv
RT: 16.973 min Scan# 4412
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



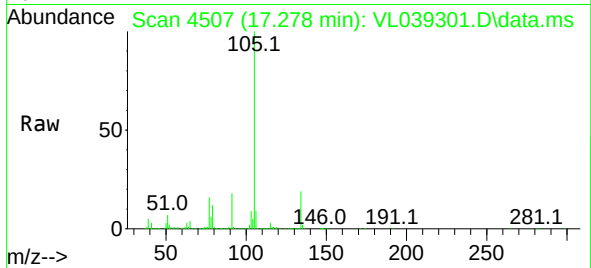
Tgt Ion: 91 Resp: 504196
Ion Ratio Lower Upper
91 100
126 16.3 13.4 20.0
128 5.6 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.200 ppbv
 RT: 17.278 min Scan# 4512
 Delta R.T. -0.016 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

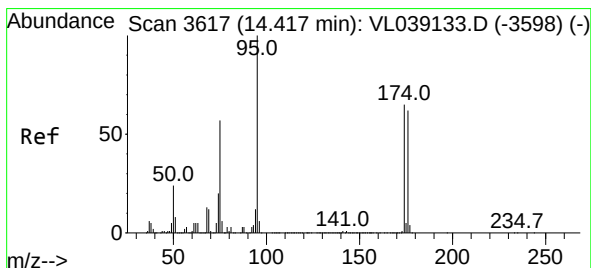
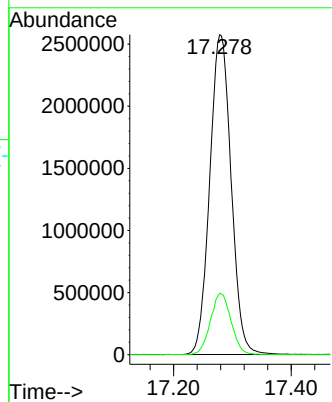
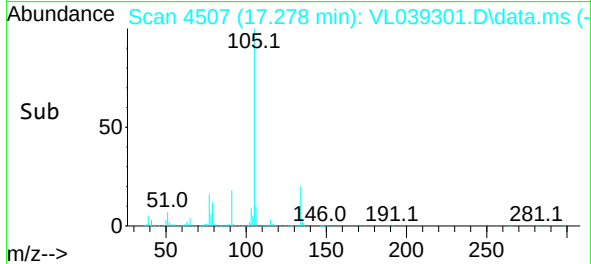
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01



Tgt Ion: 105 Resp: 649966
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.4 21.6

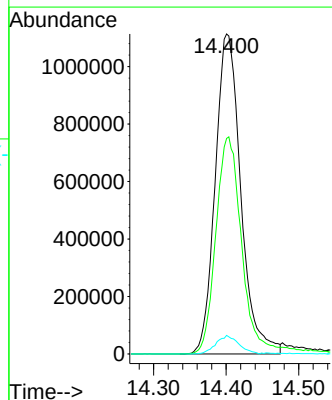
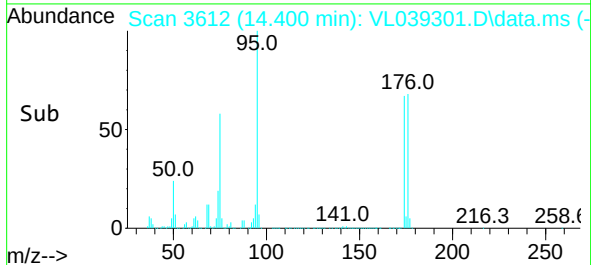
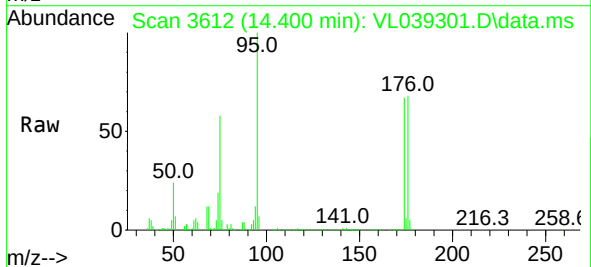
Manual Integrations
 APPROVED

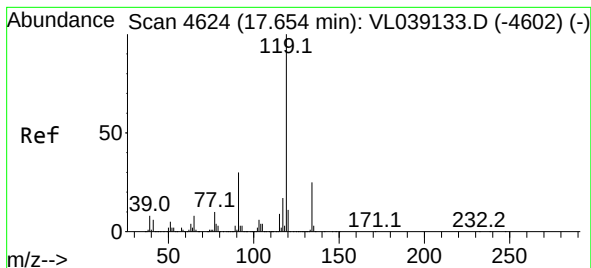
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.883 ppbv
 RT: 14.400 min Scan# 3612
 Delta R.T. -0.016 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

Tgt Ion: 95 Resp: 2731005
 Ion Ratio Lower Upper
 95 100
 174 70.5 53.8 80.8
 175 5.5 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.375 ppbv

RT: 17.638 min Scan# 4619

Delta R.T. -0.016 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

Tgt Ion:119 Resp: 558810

Ion Ratio Lower Upper

119 100

134 25.4 20.4 30.6

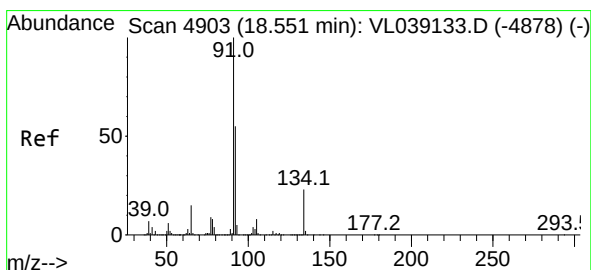
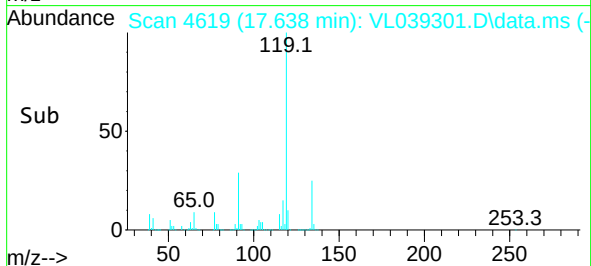
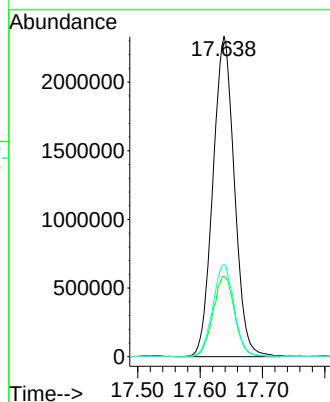
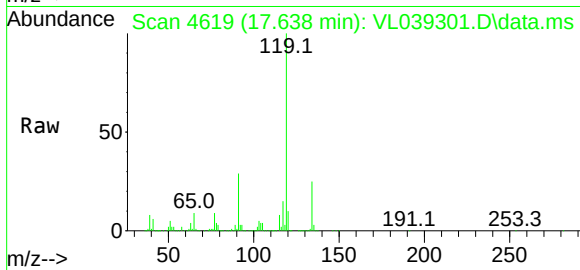
91 28.6 24.2 36.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#70

n-Butylbenzene

Concen: 8.980 ppbv

RT: 18.535 min Scan# 4898

Delta R.T. -0.016 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

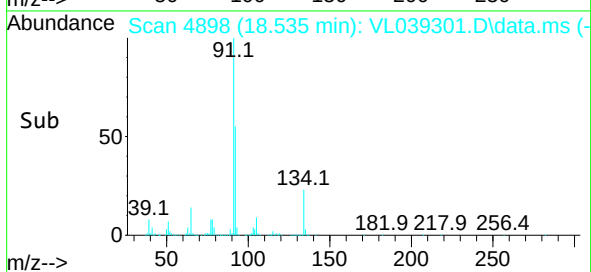
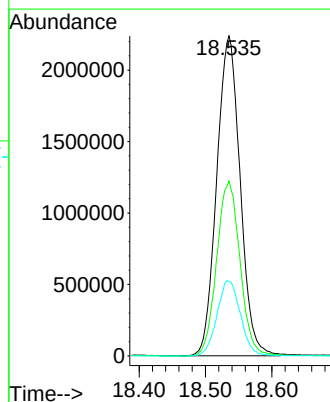
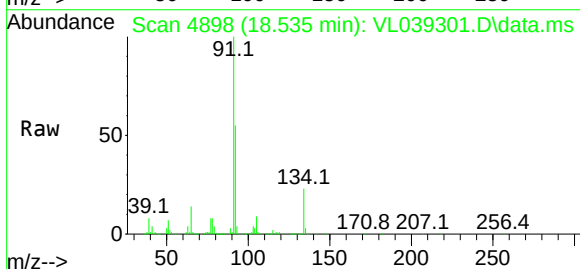
Tgt Ion: 91 Resp: 5494433

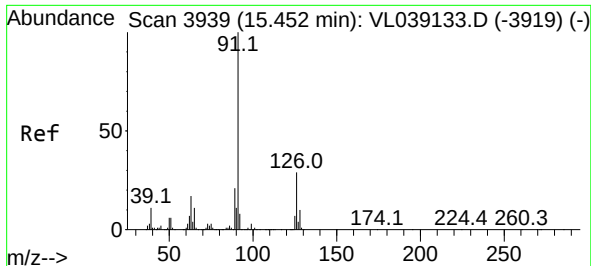
Ion Ratio Lower Upper

91 100

92 54.4 43.6 65.4

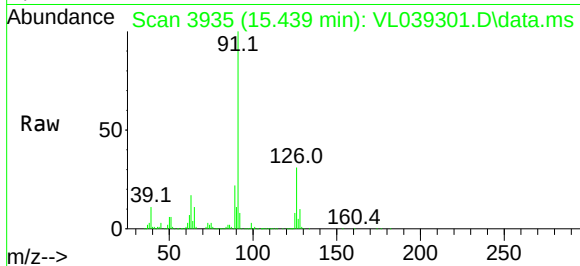
134 23.6 17.7 26.5





#71
2-Chlorotoluene
Concen: 8.746 ppbv
RT: 15.439 min Scan# 3919
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

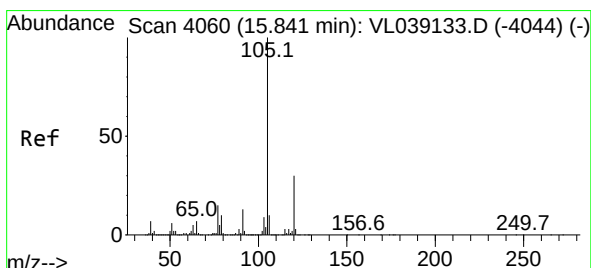
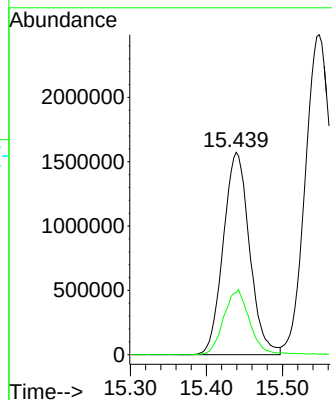
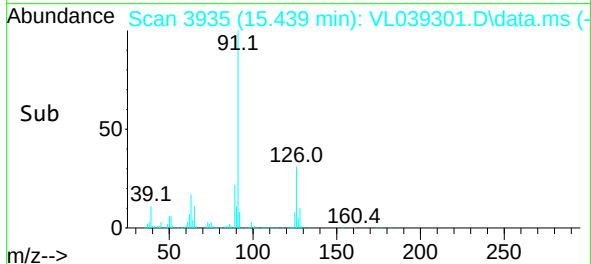
Instrument : MSVOA_L
ClientSampleId : VL0615ABS01



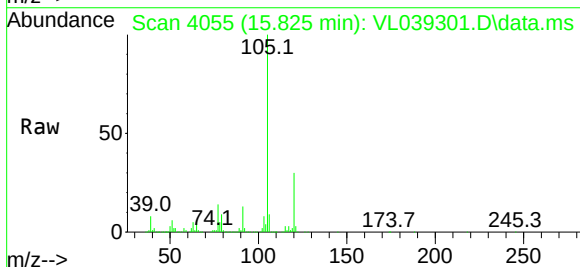
Tgt Ion: 91 Resp: 3776548
Ion Ratio Lower Upper
91 100
126 32.1 12.2 48.6

Manual Integrations
APPROVED

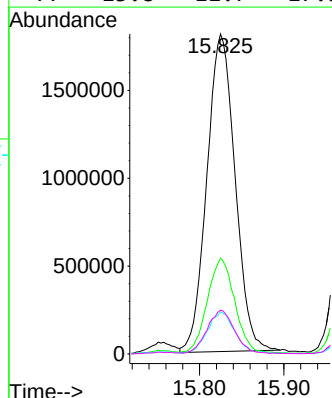
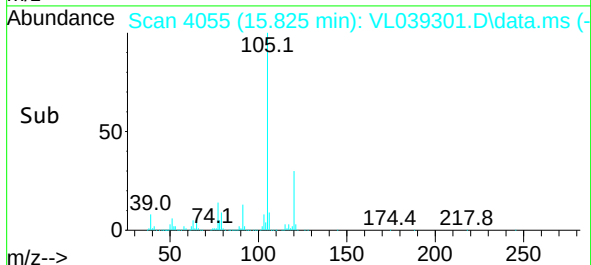
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

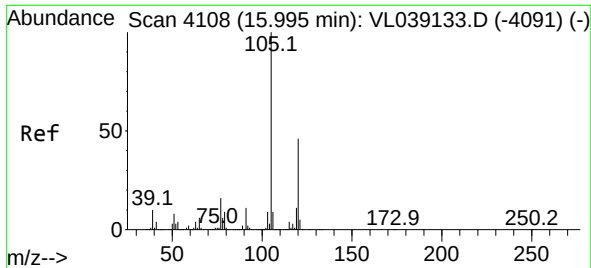


#72
4-Ethyltoluene
Concen: 9.412 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



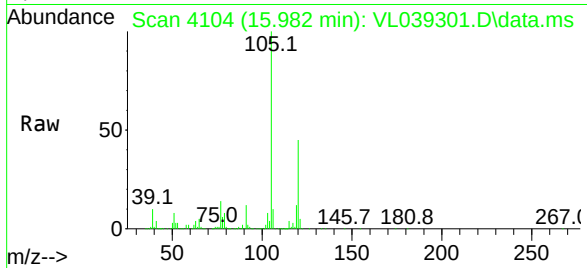
Tgt Ion:105 Resp: 4202470
Ion Ratio Lower Upper
105 100
120 30.0 23.9 35.9
91 12.8 10.6 16.0
77 13.8 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 9.488 ppbv
 RT: 15.982 min Scan# 4108
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52

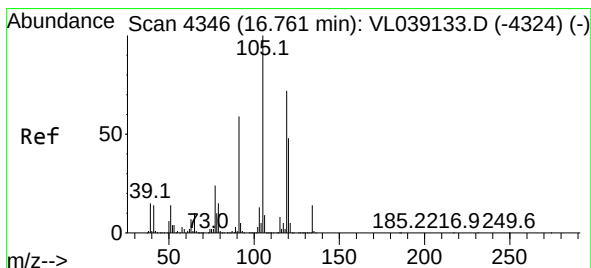
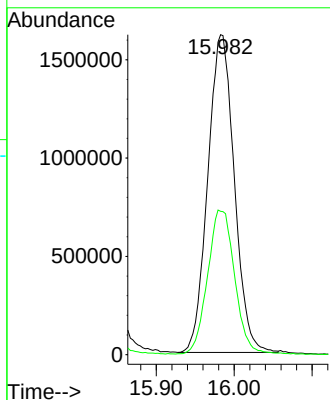
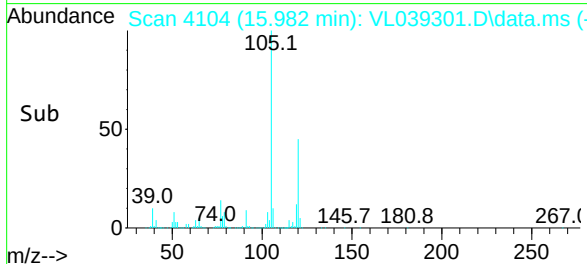
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0615ABS01



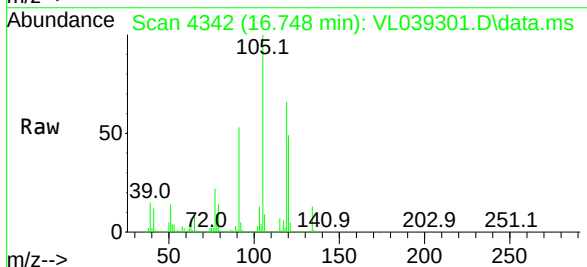
Tgt Ion:105 Resp: 3821110
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.7 55.1

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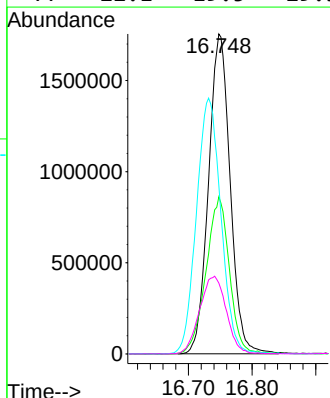
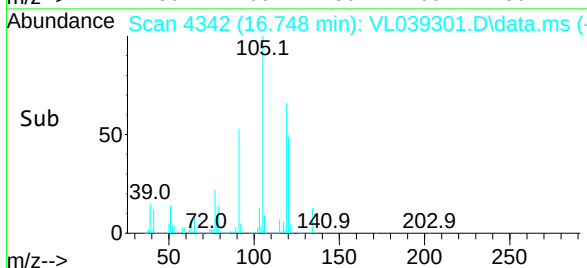
Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

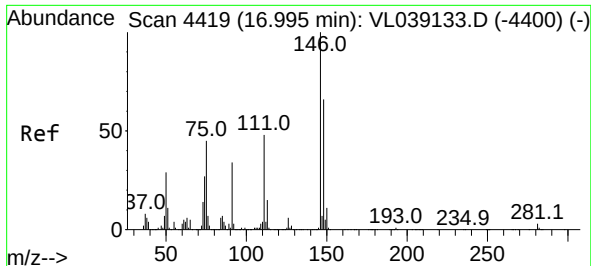


#74
 1,2,4-Trimethylbenzene
 Concen: 9.229 ppbv
 RT: 16.748 min Scan# 4342
 Delta R.T. -0.013 min
 Lab File: VL039301.D
 Acq: 15 Jun 2022 17:52



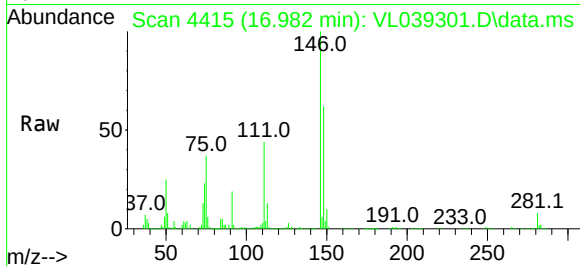
Tgt Ion:105 Resp: 4147800
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.1 57.1
 91 52.3 47.4 71.0
 77 22.1 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 9.563 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

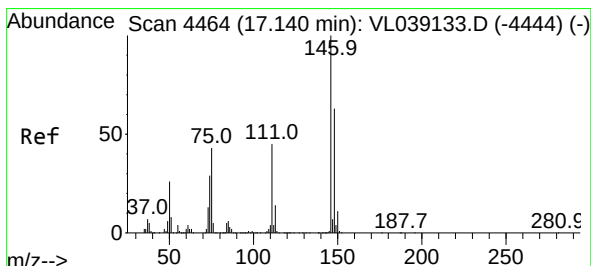
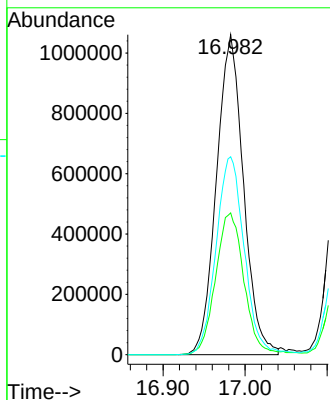
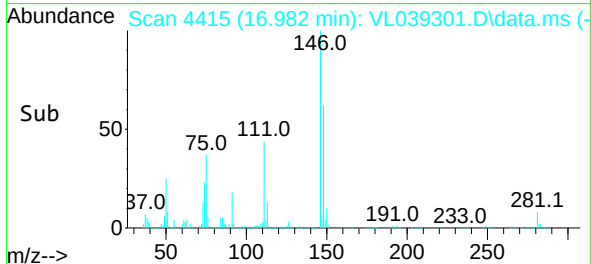
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



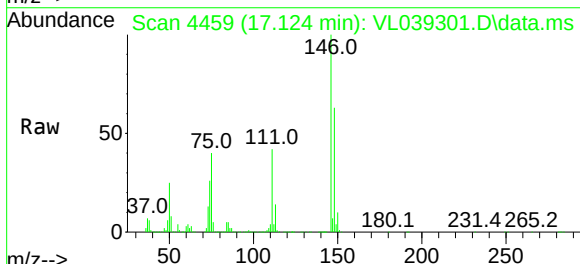
Tgt Ion:146 Resp: 2432825
Ion Ratio Lower Upper
146 100
111 46.7 23.8 71.4
148 64.7 32.4 97.0

Manual Integrations
APPROVED

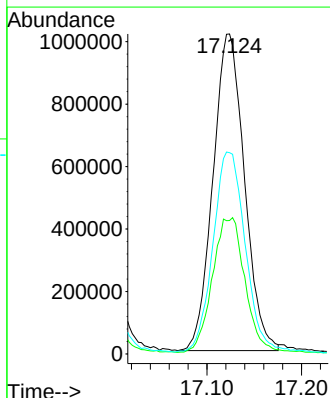
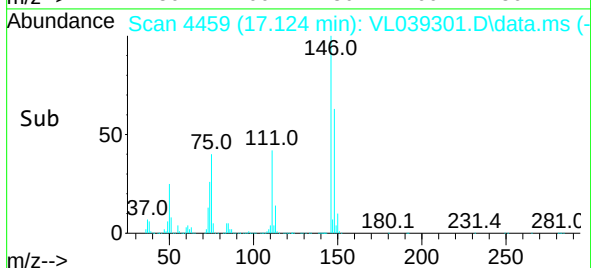
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

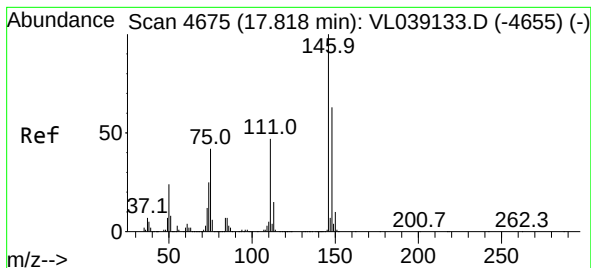


#76
1,4-Dichlorobenzene
Concen: 9.232 ppbv
RT: 17.124 min Scan# 4459
Delta R.T. -0.016 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



Tgt Ion:146 Resp: 2343141
Ion Ratio Lower Upper
146 100
111 45.8 23.6 71.0
148 66.7 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.192 ppbv

RT: 17.802 min Scan# 40

Delta R.T. -0.016 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01

Tgt Ion:146 Resp: 2356714

Ion Ratio Lower Upper

146 100

111 48.2 24.4 73.4

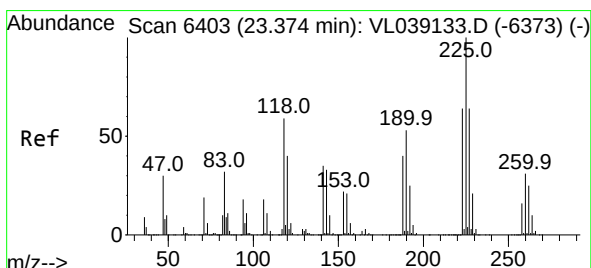
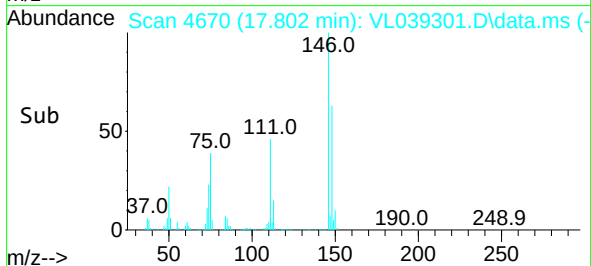
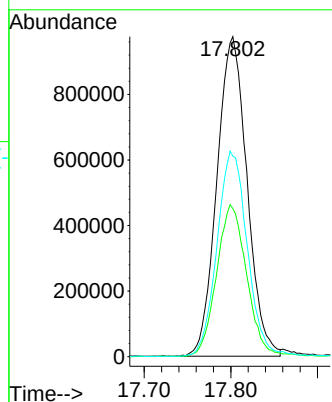
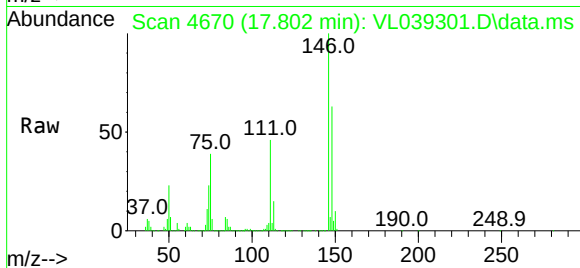
148 65.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.592 ppbv

RT: 23.358 min Scan# 6398

Delta R.T. -0.016 min

Lab File: VL039301.D

Acq: 15 Jun 2022 17:52

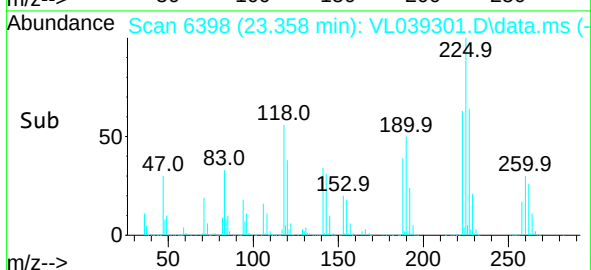
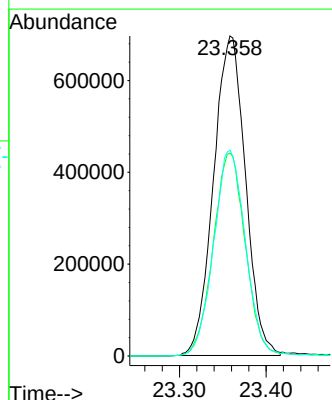
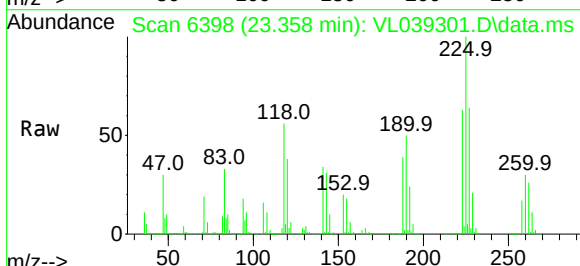
Tgt Ion:225 Resp: 1780081

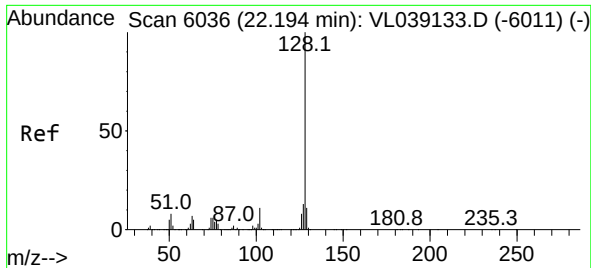
Ion Ratio Lower Upper

225 100

223 64.6 51.4 77.0

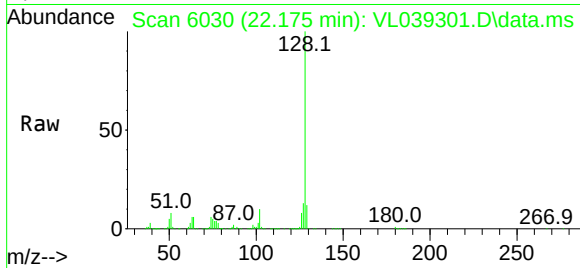
227 64.9 50.6 75.8





#79
Naphthalene
Concen: 10.191 ppbv
RT: 22.175 min Scan# 6030
Delta R.T. -0.019 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52

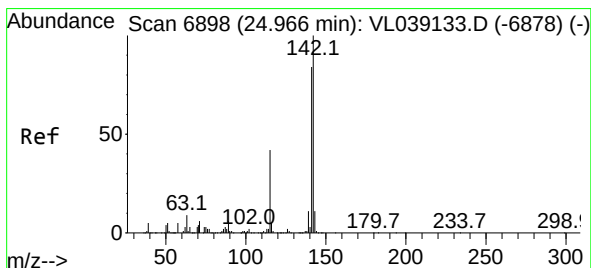
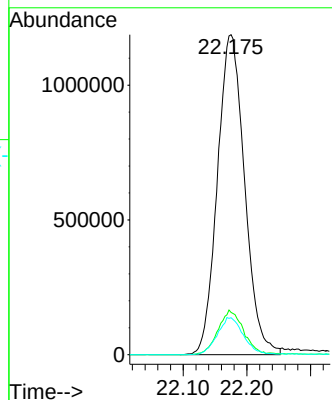
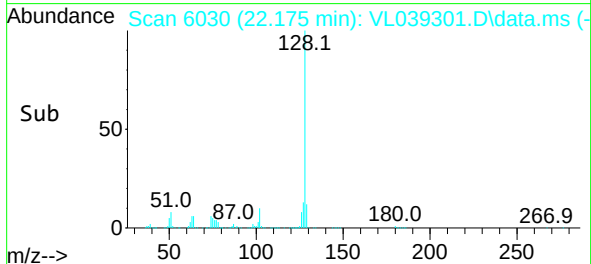
Instrument :
MSVOA_L
ClientSampleId :
VL0615ABS01



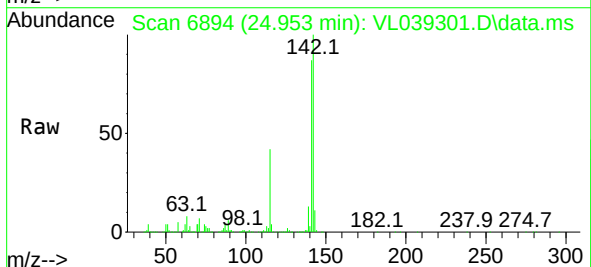
Tgt Ion:128 Resp: 352595
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.5 9.0 13.6

Manual Integrations
APPROVED

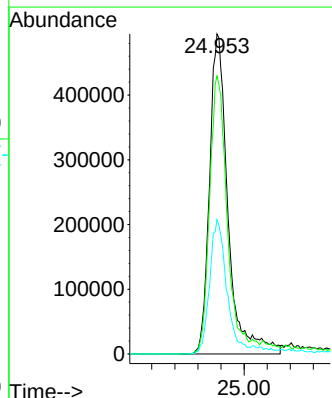
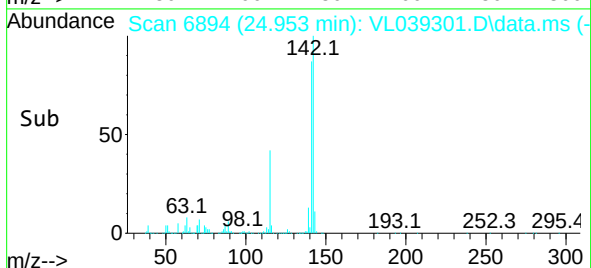
Reviewed By :Mahesh Dadoda 06/17/2022
Supervised By :Semsettin Yesilyurt 06/17/2022

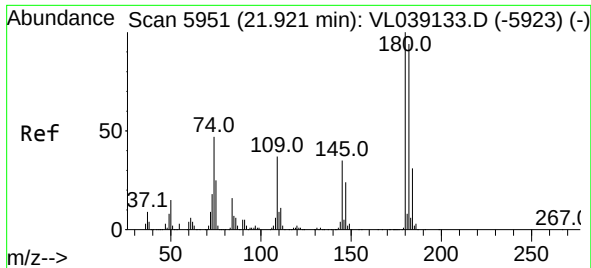


#80
Naphthalene,2-methyl-
Concen: 8.557 ppbv
RT: 24.953 min Scan# 6894
Delta R.T. -0.013 min
Lab File: VL039301.D
Acq: 15 Jun 2022 17:52



Tgt Ion:142 Resp: 1099878
Ion Ratio Lower Upper
142 100
141 89.8 64.6 96.8
115 42.8 32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 9.381 ppbv

RT: 21.908 min Scan# 5947

Delta R.T. -0.013 min

Lab File: VL039301.D

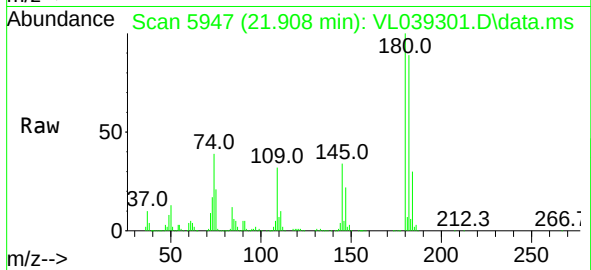
Acq: 15 Jun 2022 17:52

Instrument :

MSVOA_L

ClientSampleId :

VL0615ABS01



Tgt Ion:180 Resp: 2056150

Ion Ratio Lower Upper

180 100

182 98.8 0.0 0.0

184 30.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022

Supervised By :Semsettin Yesilyurt 06/17/2022

