

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039421.D
 Acq On : 5 Jul 2022 15:46
 Operator : SY/AP
 Sample : VL0705ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 06 02:36:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1267095	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3504482	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.092	117	3276501m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.416 95 2521394 10.373 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.700%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.054	85	1855559	10.153 ppbv	99
3) Chlorodifluoromethane	2.993	51	1459515	9.079 ppbv	100
4) Chloromethane	3.147	50	798344	9.080 ppbv	99
5) Vinyl Chloride	3.263	62	771878	8.903 ppbv	99
6) Bromomethane	3.478	94	342444	9.385 ppbv	100
7) Chloroethane	3.562	64	287676m	9.329 ppbv	
8) Dichlorotetrafluoroethane	3.195	85	1902257	9.528 ppbv	98
9) Propene	3.015	41	647764	8.922 ppbv	97
10) Heptane	8.127	43	1673989	9.845 ppbv	99
11) Trichlorofluoromethane	3.957	101	1891580	9.288 ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.491	101	1382238	9.104 ppbv	99
13) Ethanol	3.613	45	41181m	9.777 ppbv	
14) Bromoethene	3.745	108	589913	9.242 ppbv	98
15) Acetone	3.851	43	1386054	9.246 ppbv	100
16) 1,3-Butadiene	3.333	39	747604	9.612 ppbv	98
17) tert-Butyl alcohol	4.285	59	1307864	10.279 ppbv	99
18) 1,1-Dichloroethene	4.298	96	639868	9.303 ppbv	99
19) Isopropyl Alcohol	3.967	45	734299m	9.183 ppbv	
20) Methylene Chloride	4.349	84	522513	8.745 ppbv	96
21) Allyl Chloride	4.417	41	987418	9.510 ppbv	98
22) trans-1,2-Dichloroethene	4.890	96	628372	9.438 ppbv	98
23) Vinyl Acetate	5.076	43	1053431	10.515 ppbv	99
24) 1,1-Dichloroethane	5.018	63	1433738	10.133 ppbv	99
25) Ethyl Acetate	5.681	43	2991907	9.734 ppbv	99
26) Hexane	5.690	57	1295884	10.459 ppbv	97
27) Carbon Disulfide	4.558	76	1538595	10.288 ppbv	99
28) Methyl tert-Butyl Ether	5.037	73	1380228	10.419 ppbv	95
29) Chloroform	5.758	83	2024109	9.395 ppbv	99
30) Cyclohexane	7.137	84	1110790	9.847 ppbv	98
31) cis-1,2-Dichloroethene	5.552	61	1252202	9.525 ppbv	97
32) 1,1,1-Trichloroethane	6.516	97	2031105	9.551 ppbv	100
34) 2-Butanone	5.246	43	1751564	9.929 ppbv	100
35) Carbon Tetrachloride	7.021	117	2164132	9.994 ppbv	99
36) Benzene	6.896	78	2627839	9.689 ppbv	98
37) 1,2-Dichloroethane	6.311	62	1558411	9.734 ppbv	100
38) Trichloroethene	7.838	130	1432423	9.764 ppbv	99
39) 1,2-Dichloropropane	7.616	63	988872	9.759 ppbv	94
40) 1,4-Dioxane	7.832	88	351385	8.702 ppbv	# 1
41) Tetrahydrofuran	6.050	42	1005706	9.838 ppbv	98
42) Bromodichloromethane	7.796	83	2183279	10.114 ppbv	97
43) Methyl Methacrylate	8.018	69	1071931	10.394 ppbv	99
44) 2,2,4-Trimethylpentane	7.877	57	4432656	9.644 ppbv	99
45) t-1,3-Dichloropropene	9.285	75	1093097	11.904 ppbv	100

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 06 02:36:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

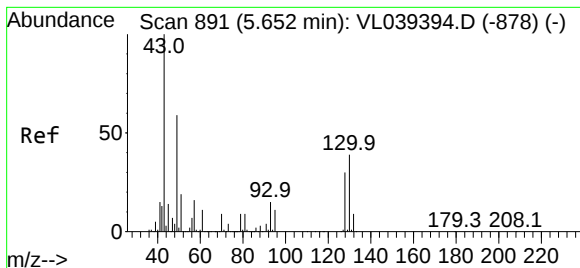
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

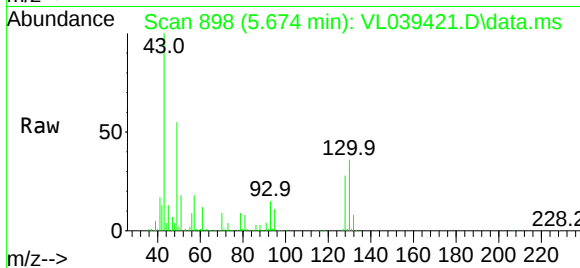
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	1400035	11.077	ppbv	99
47) 1,1,2-Trichloroethane	9.481	97	1117104	9.826	ppbv	97
48) Dibromochloromethane	10.311	129	1958372	10.838	ppbv	99
49) Bromoform	13.044	173	1627942	11.167	ppbv	100
50) 4-Methyl-2-Pentanone	8.745	43	2783847	10.436	ppbv	99
51) 2-Hexanone	10.137	43	2176178	10.786	ppbv #	100
52) Tetrachloroethene	11.227	164	1023756	9.376	ppbv	99
53) Toluene	9.812	91	3195115	10.213	ppbv	99
54) 1,2-Dibromoethane	10.616	107	1457096	10.300	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.127	131	1421191	9.819	ppbv	96
57) Chlorobenzene	12.150	112	2433936	9.582	ppbv	98
58) Ethyl Benzene	12.712	91	4335062	10.246	ppbv	97
59) m/p-Xylene	12.999	91	7396481m	19.830	ppbv	
60) o-Xylene	13.696	91	3544328	10.035	ppbv	99
61) Styrene	13.532	104	2119225	11.077	ppbv	99
62) Isopropylbenzene	14.671	105	5251910	9.764	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.680	83	1721667	9.300	ppbv	99
64) n-propylbenzene	15.564	120	1383932	10.152	ppbv	99
65) tert-Butylbenzene	16.748	119	4797531	9.652	ppbv	99
66) Benzyl Chloride	16.995	91	549655m	11.638	ppbv	
67) sec-Butylbenzene	17.297	105	6615386	9.882	ppbv	100
69) p-Isopropyltoluene	17.654	119	5651026	9.948	ppbv	100
70) n-Butylbenzene	18.548	91	5546984	10.061	ppbv	100
71) 2-Chlorotoluene	15.455	91	3871062	10.056	ppbv	100
72) 4-Ethyltoluene	15.841	105	4309476	10.378	ppbv	99
73) 1,3,5-Trimethylbenzene	16.002	105	3928097	10.299	ppbv	97
74) 1,2,4-Trimethylbenzene	16.764	105	4224582	10.013	ppbv	98
75) 1,3-Dichlorobenzene	16.998	146	2476558	9.840	ppbv	99
76) 1,4-Dichlorobenzene	17.140	146	2407918	9.653	ppbv	99
77) 1,2-Dichlorobenzene	17.822	146	2435078	9.761	ppbv	100
78) Hexachloro-1,3-Butadiene	23.378	225	1699955	8.473	ppbv	99
79) Naphthalene	22.194	128	3346081	11.524	ppbv	98
80) Naphthalene,2-methyl-	24.966	142	1104648	11.178	ppbv	96
81) 1,2,4-Trichlorobenzene	21.924	180	1925346	10.181	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039421.D
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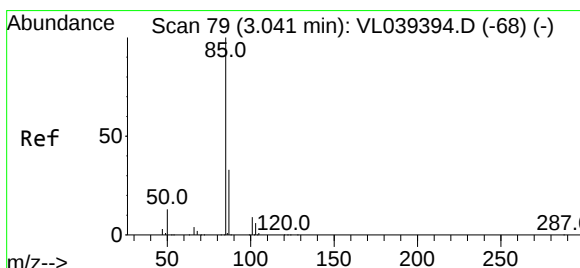
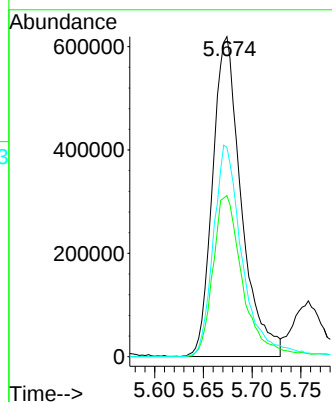
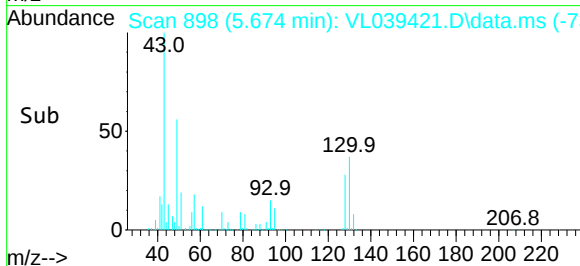
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



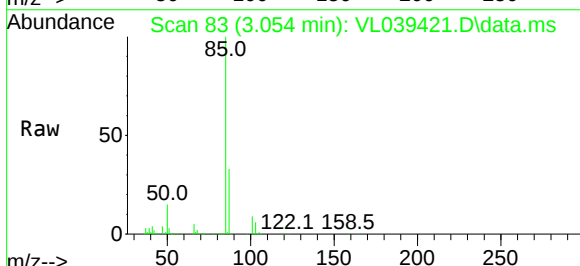
Tgt Ion: 49 Resp: 1267099
Ion Ratio Lower Upper
49 100
128 53.6 26.7 80.0
130 67.9 34.3 102.8

Manual Integrations
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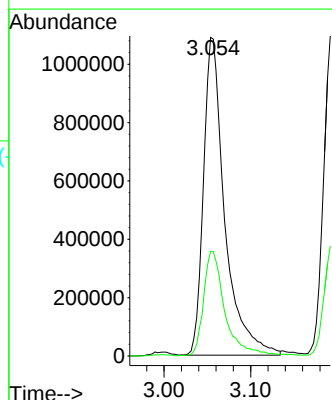
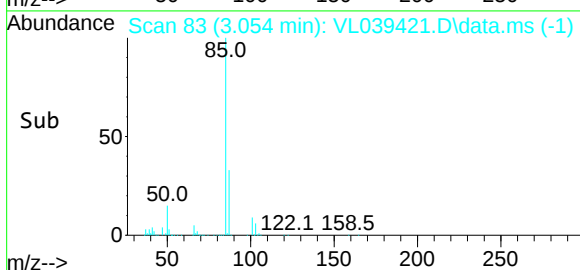
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

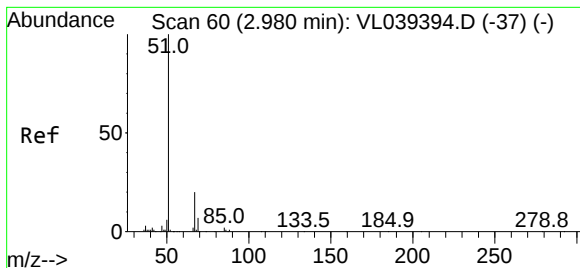


#2
Dichlorodifluoromethane
Concen: 10.153 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.013 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



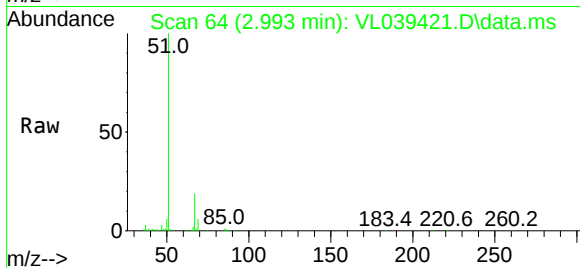
Tgt Ion: 85 Resp: 1855559
Ion Ratio Lower Upper
85 100
87 32.9 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.079 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.013 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

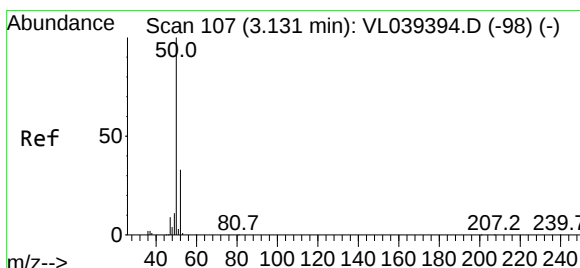
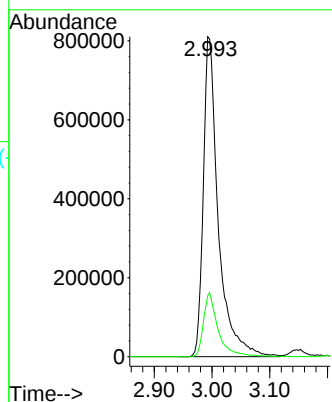
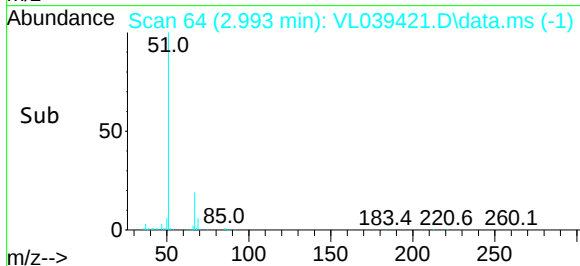
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



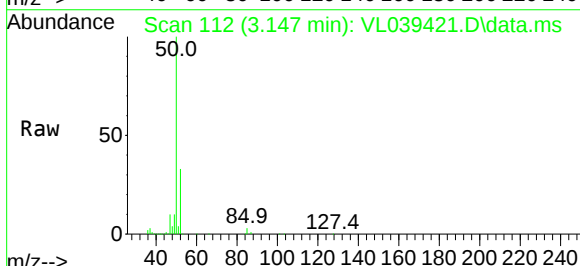
Tgt Ion: 51 Resp: 145951
Ion Ratio Lower Upper
51 100
67 19.7 15.7 23.5

Manual Integrations
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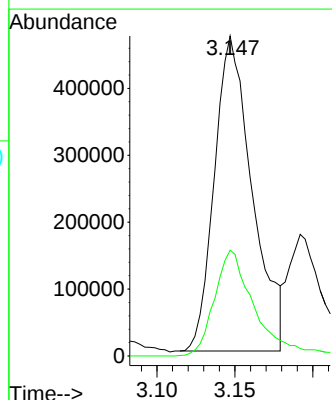
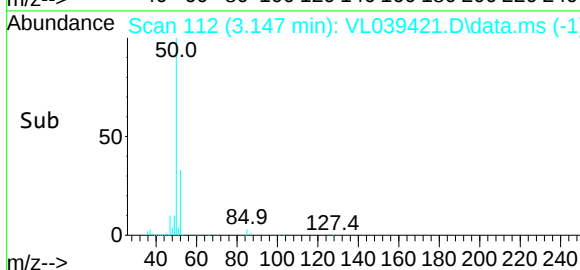
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

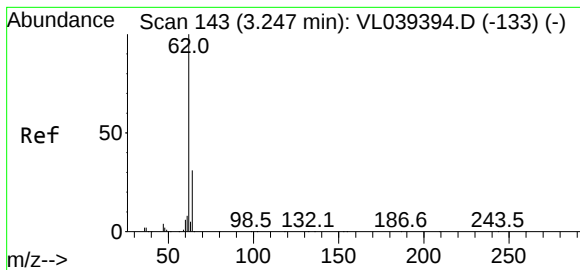


#4
Chloromethane
Concen: 9.080 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



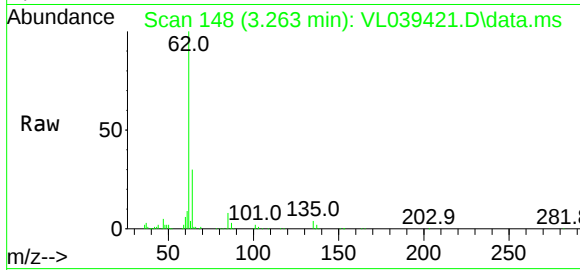
Tgt Ion: 50 Resp: 798344
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.903 ppbv
 RT: 3.263 min Scan# 14
 Delta R.T. 0.016 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46

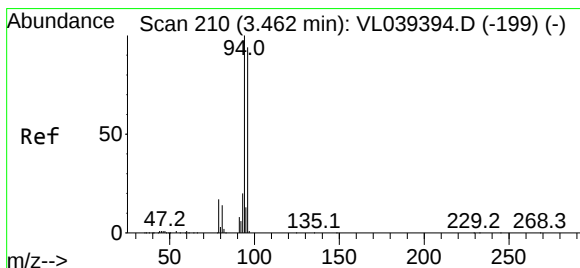
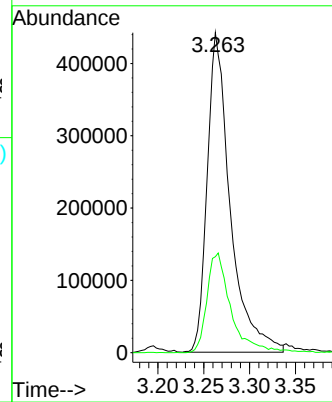
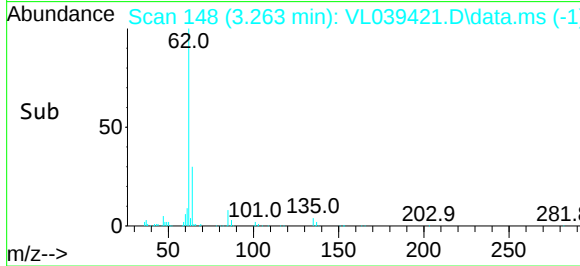
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABS01



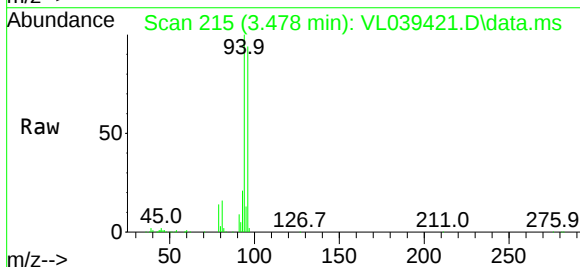
Tgt Ion: 62 Resp: 771878
 Ion Ratio Lower Upper
 62 100
 64 30.1 24.6 36.8

Manual Integrations
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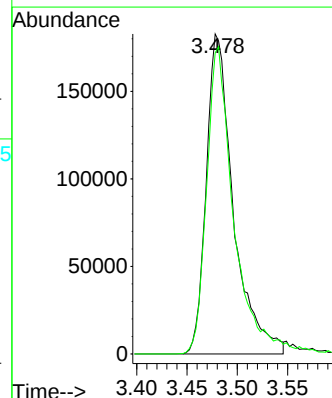
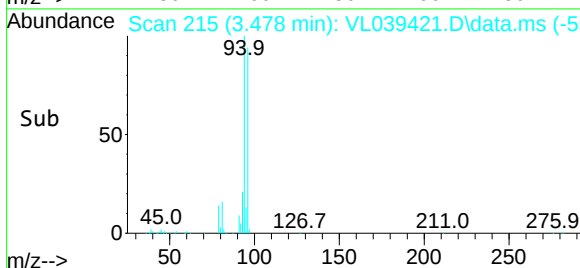
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

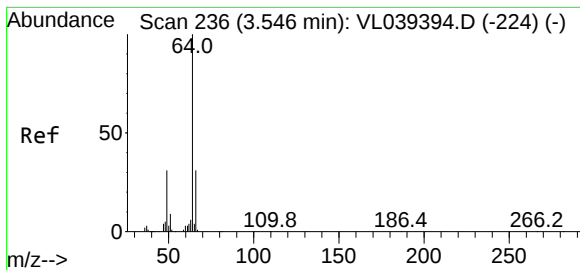


#6
 Bromomethane
 Concen: 9.385 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.016 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46



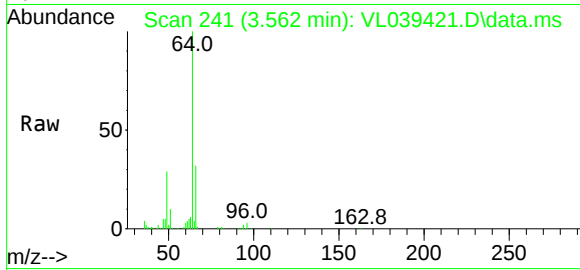
Tgt Ion: 94 Resp: 342444
 Ion Ratio Lower Upper
 94 100
 96 94.0 75.6 113.4





#7
Chloroethane
Concen: 9.329 ppbv m
RT: 3.562 min Scan# 241
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

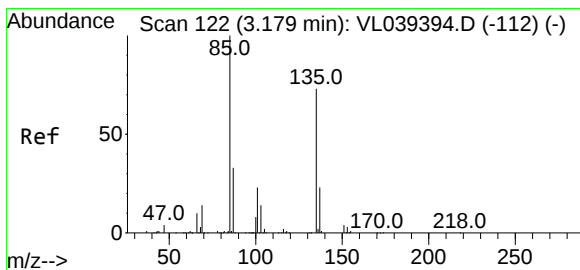
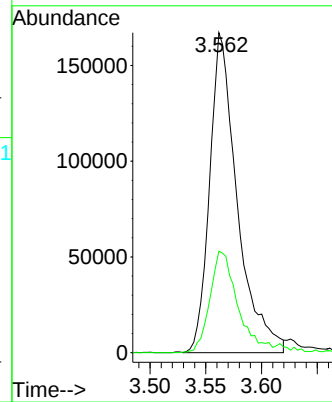
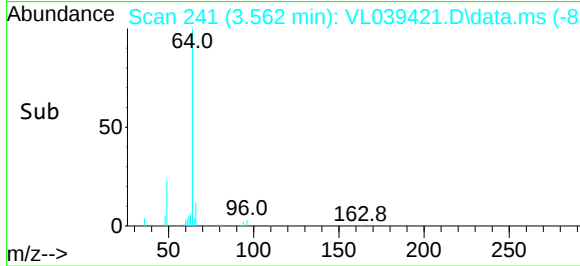
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



Tgt Ion: 64 Resp: 287670
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1

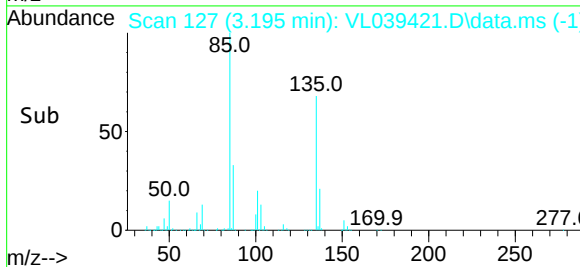
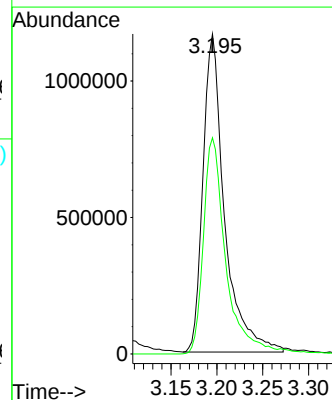
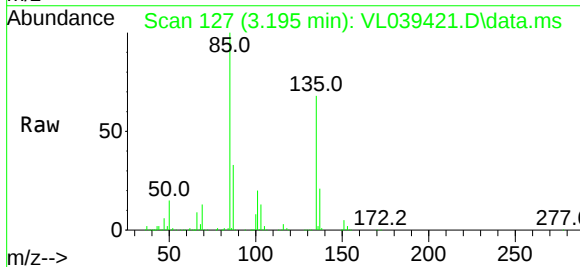
Manual Integrations
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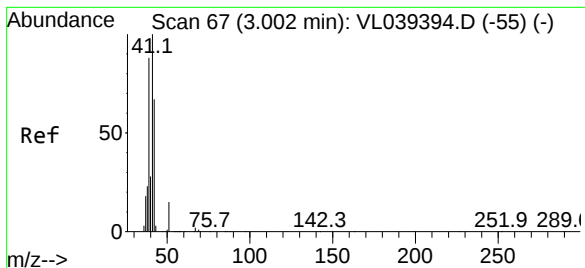
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#8
Dichlorotetrafluoroethane
Concen: 9.528 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

Tgt Ion: 85 Resp: 1902257
Ion Ratio Lower Upper
85 100
135 71.7 59.0 88.4





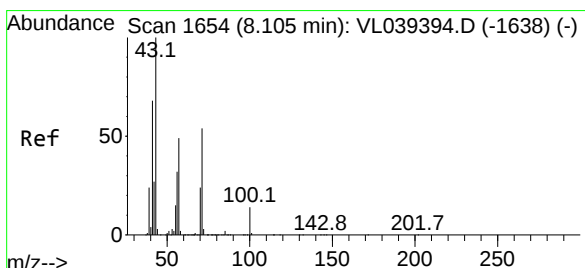
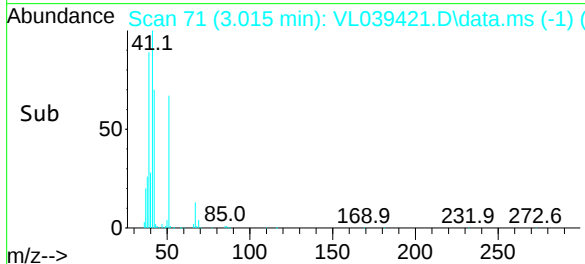
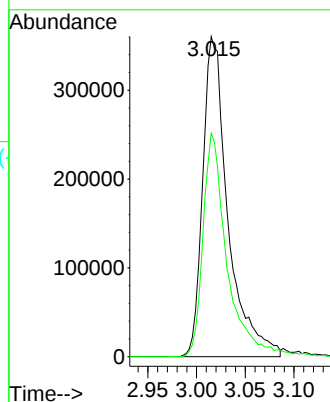
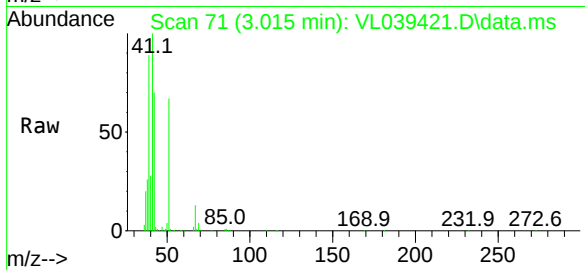
#9
 Propene
 Concen: 8.922 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABS01

Tgt Ion: 41 Resp: 647764
 Ion Ratio Lower Upper
 41 100
 42 67.0 55.2 82.8

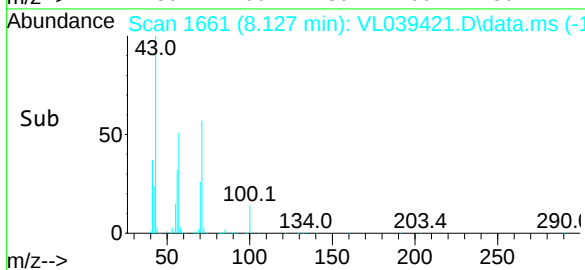
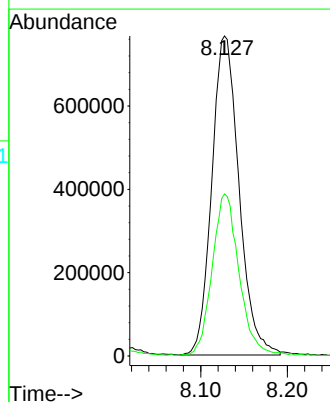
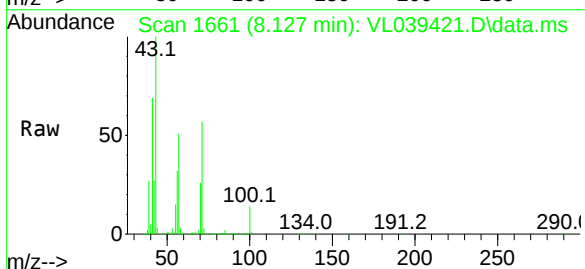
Manual Integrations
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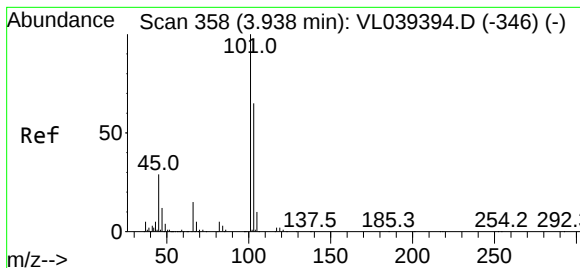
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022



#10
 Heptane
 Concen: 9.845 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. 0.022 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46

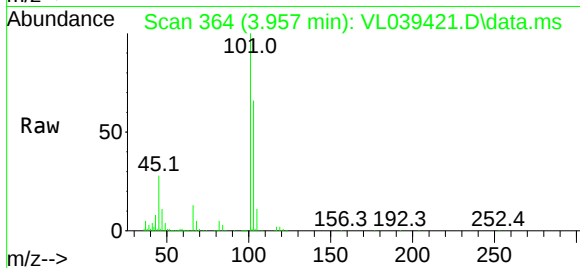
Tgt Ion: 43 Resp: 1673989
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.288 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46

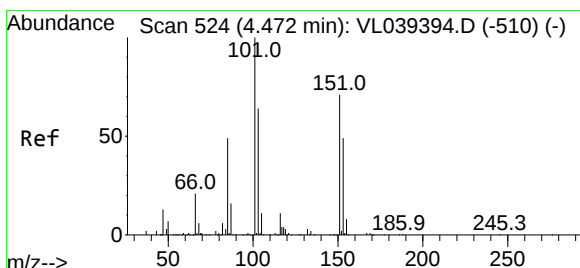
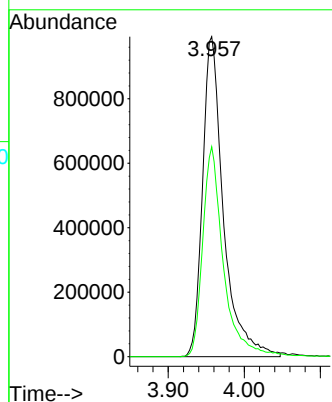
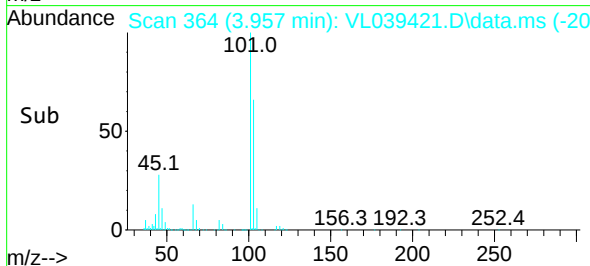
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABS01



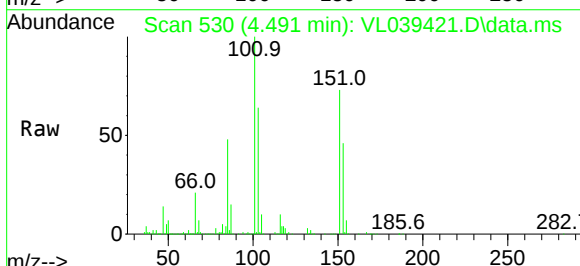
Tgt Ion:101 Resp: 1891580
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.8

Manual Integrations
 APPROVED

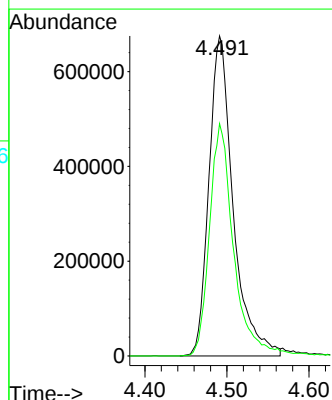
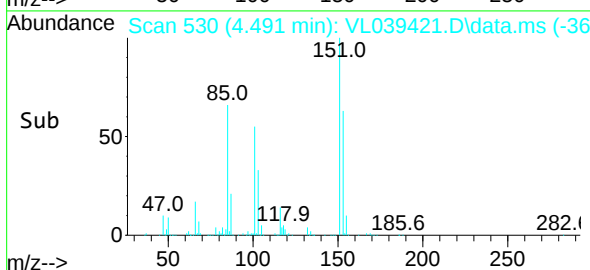
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

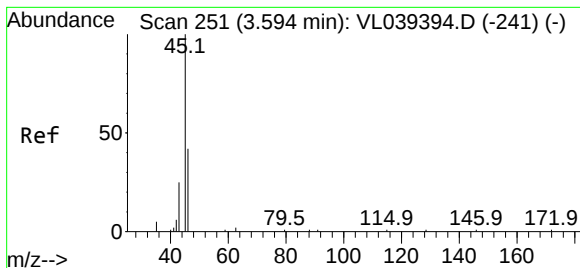


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.104 ppbv
 RT: 4.491 min Scan# 530
 Delta R.T. 0.019 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46



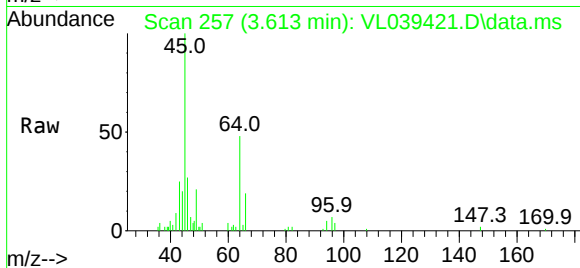
Tgt Ion:101 Resp: 1382238
 Ion Ratio Lower Upper
 101 100
 151 73.0 58.9 88.3





#13
Ethanol
Concen: 9.777 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

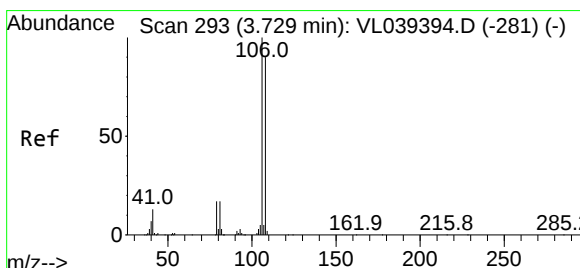
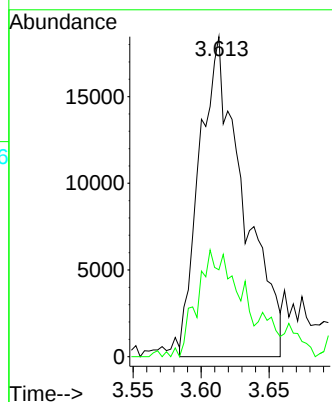
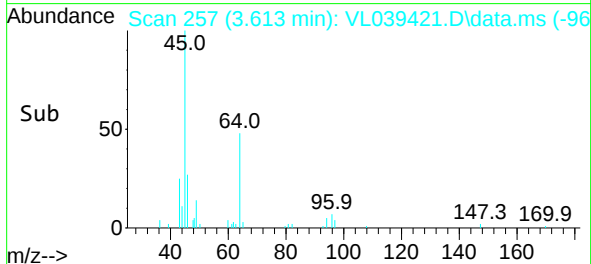
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



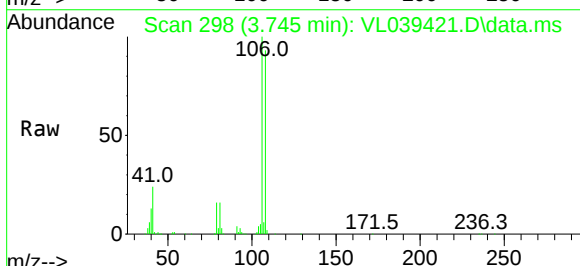
Tgt Ion: 45 Resp: 4118
Ion Ratio Lower Upper
45 100
46 40.5 22.8 91.2

Manual Integrations
APPROVED

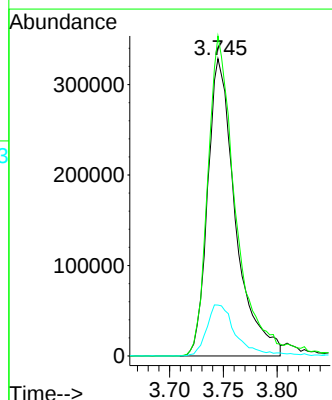
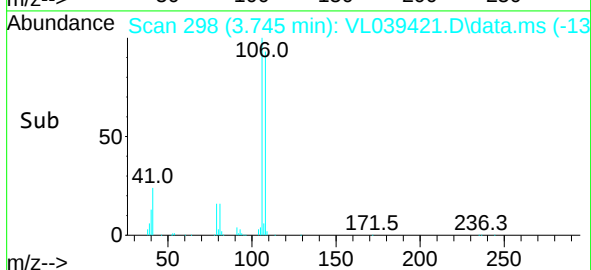
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

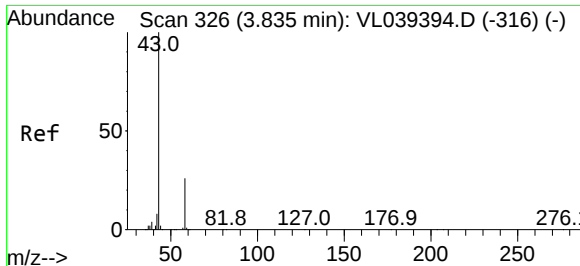


#14
Bromoethene
Concen: 9.242 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



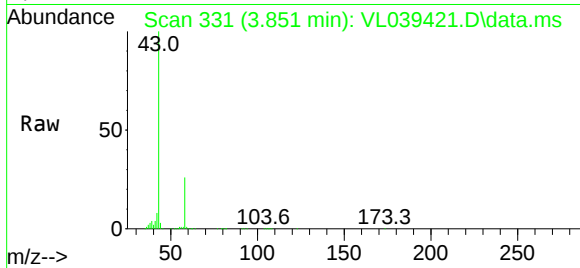
Tgt Ion:108 Resp: 589913
Ion Ratio Lower Upper
108 100
106 111.1 87.1 130.7
79 18.7 14.6 22.0





#15
Acetone
Concen: 9.246 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

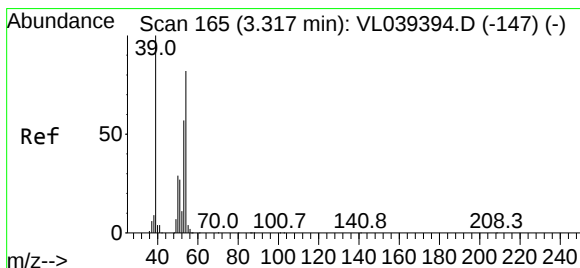
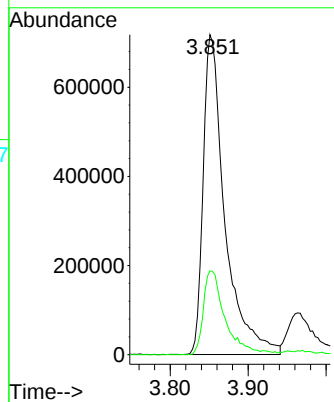
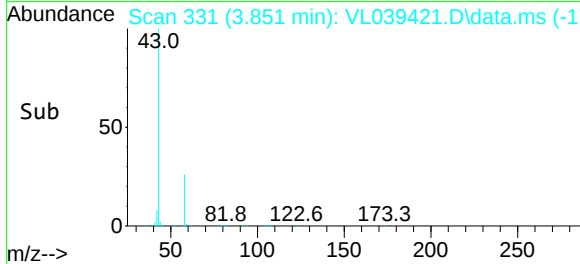
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



Tgt Ion: 43 Resp: 1386054
Ion Ratio Lower Upper
43 100
58 26.4 21.0 31.6

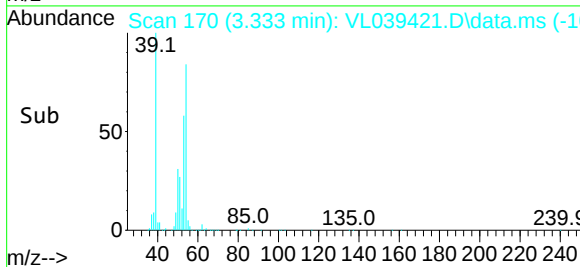
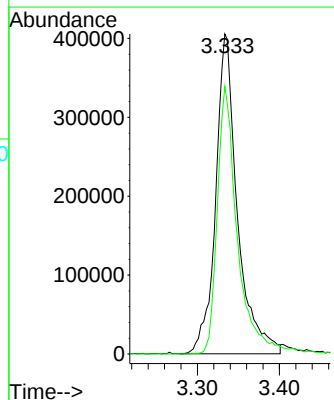
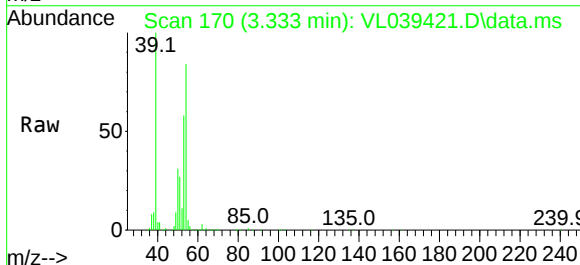
Manual Integrations
APPROVED

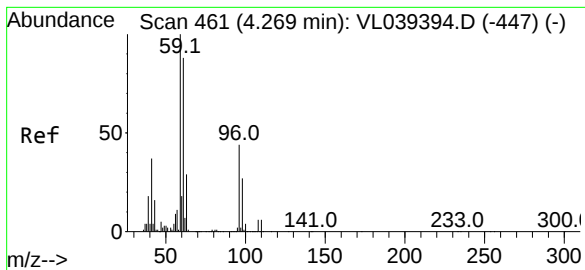
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#16
1,3-Butadiene
Concen: 9.612 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

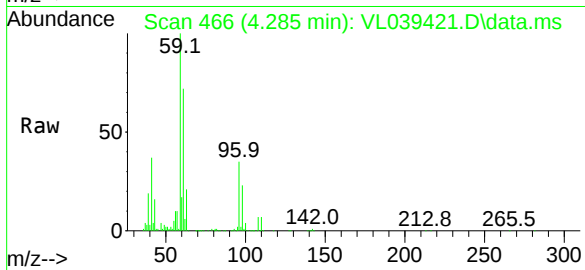
Tgt Ion: 39 Resp: 747604
Ion Ratio Lower Upper
39 100
54 78.2 63.7 95.5





#17
tert-Butyl alcohol
Concen: 10.279 ppbv
RT: 4.285 min Scan# 40
Delta R.T. 0.016 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

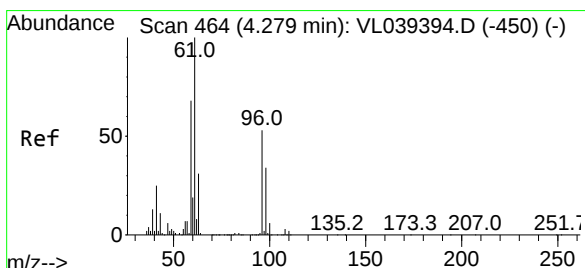
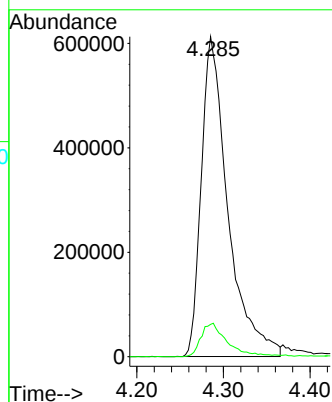
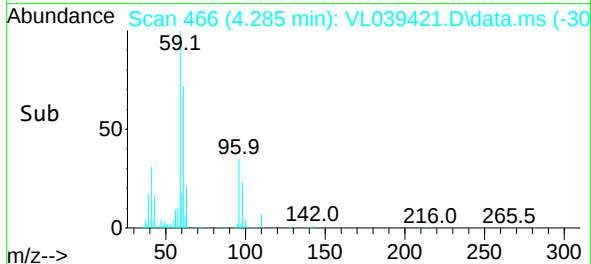
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



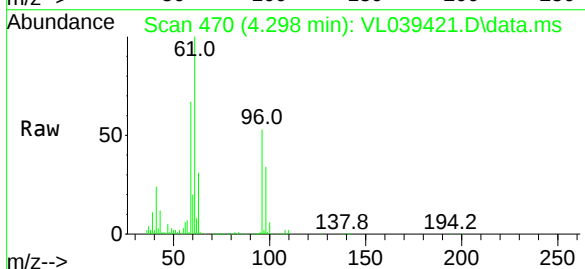
Tgt Ion: 59 Resp: 1307864
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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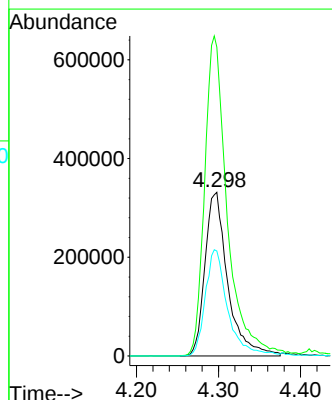
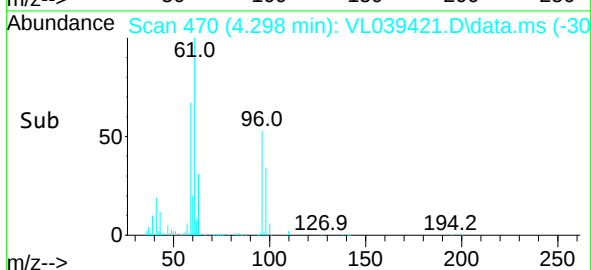
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

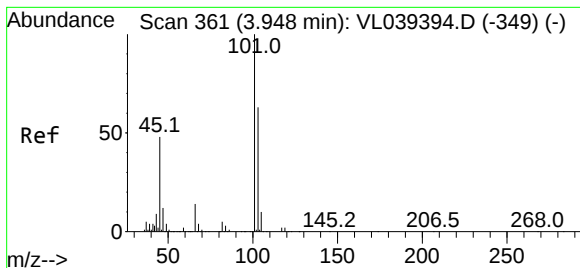


#18
1,1-Dichloroethene
Concen: 9.303 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



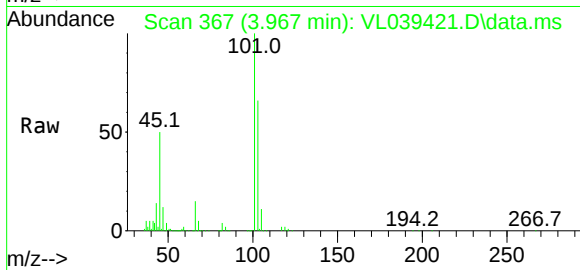
Tgt Ion: 96 Resp: 639868
Ion Ratio Lower Upper
96 100
61 188.5 152.2 228.4
98 64.1 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.183 ppbv m
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

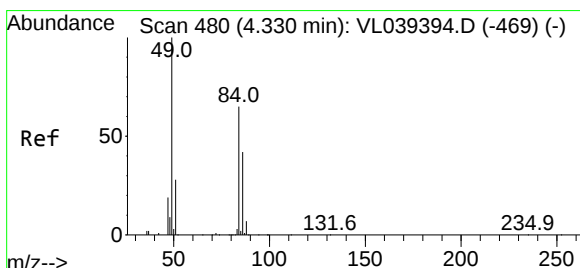
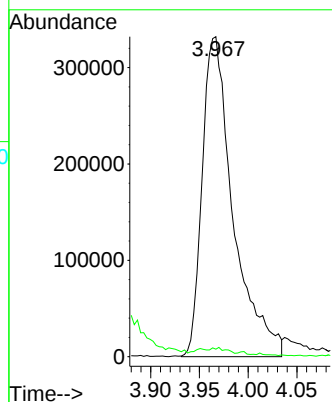
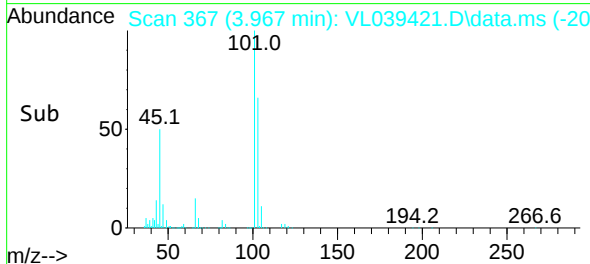
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



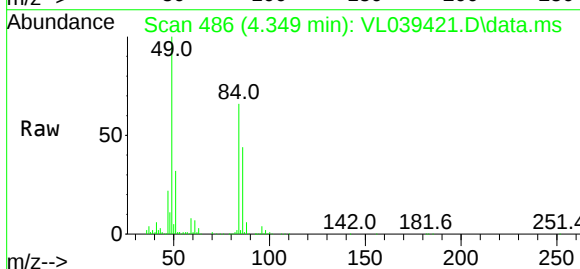
Tgt Ion: 45 Resp: 734295
Ion Ratio Lower Upper
45 100
58 3.5 3.2 4.8

Manual Integrations
APPROVED

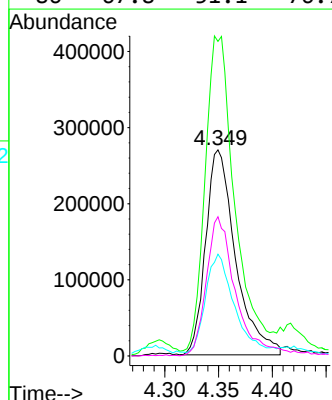
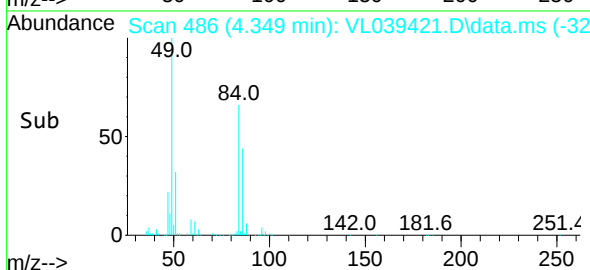
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

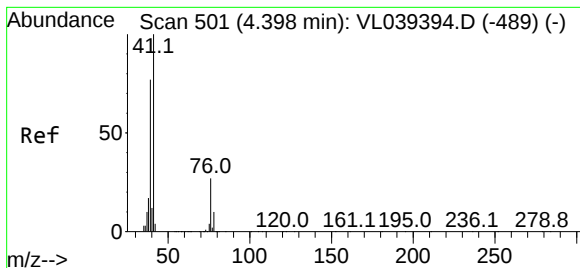


#20
Methylene Chloride
Concen: 8.745 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion: 84 Resp: 522513
Ion Ratio Lower Upper
84 100
49 151.1 123.1 184.7
51 47.8 34.4 51.6
86 67.8 51.1 76.7





#21

Allyl Chloride

Concen: 9.510 ppbv

RT: 4.417 min Scan# 501

Delta R.T. 0.019 min

Lab File: VL039421.D

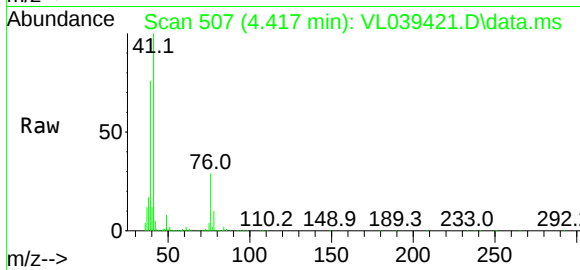
Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01



Tgt Ion: 41 Resp: 987418

Ion Ratio Lower Upper

41 100

76 29.7 24.4 36.6

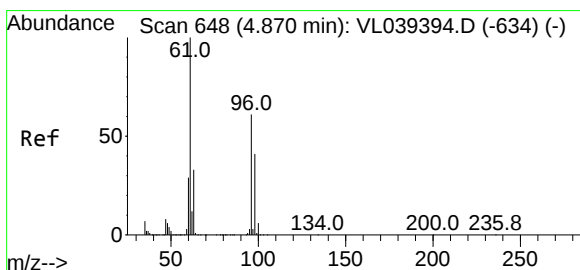
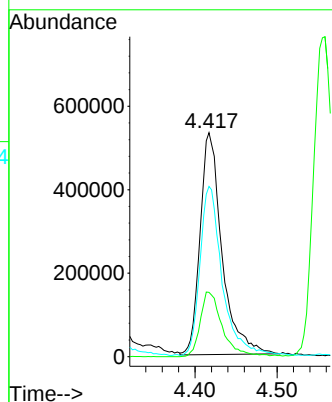
39 77.9 63.5 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#22

trans-1,2-Dichloroethene

Concen: 9.438 ppbv

RT: 4.890 min Scan# 654

Delta R.T. 0.019 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

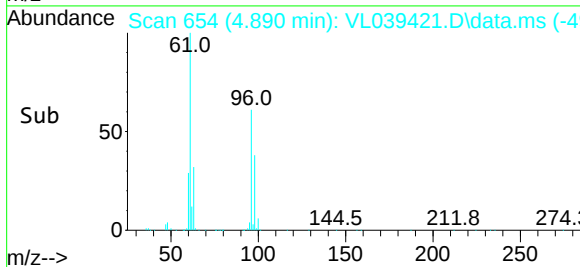
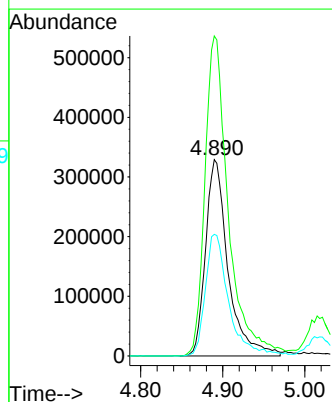
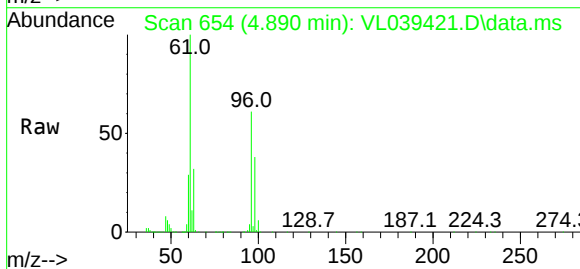
Tgt Ion: 96 Resp: 628372

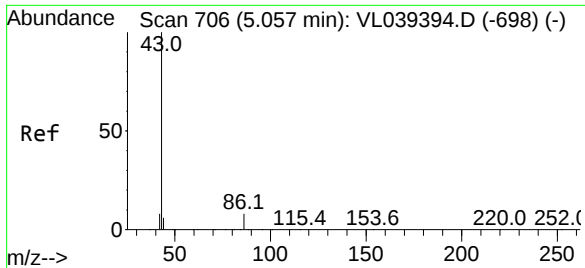
Ion Ratio Lower Upper

96 100

61 162.9 130.6 195.8

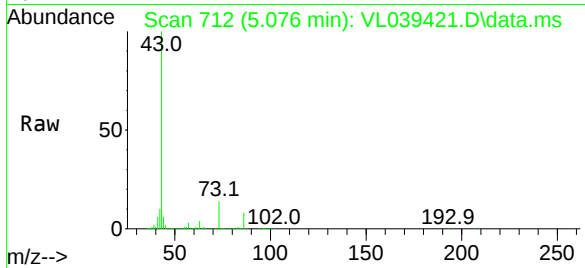
98 62.0 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.515 ppbv
 RT: 5.076 min Scan# 712
 Delta R.T. 0.019 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABS01

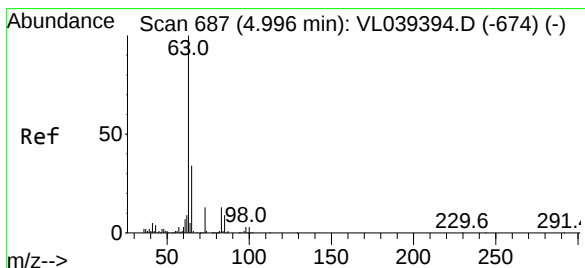
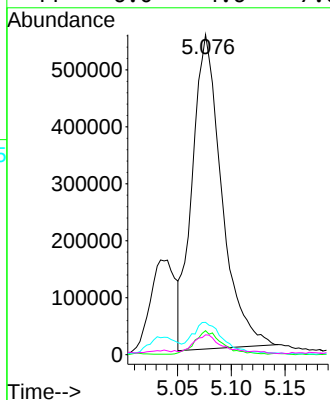
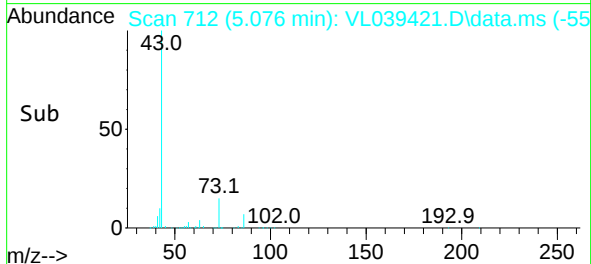


Tgt Ion: 43 Resp: 105343

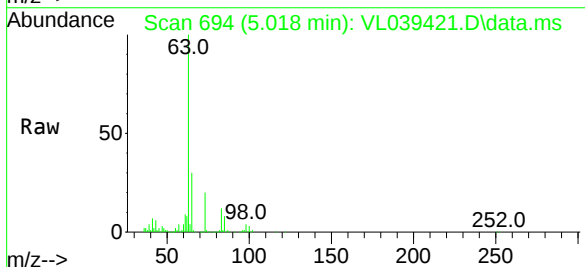
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.0	7.6
42	9.9	7.7	11.5
44	6.0	4.6	7.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

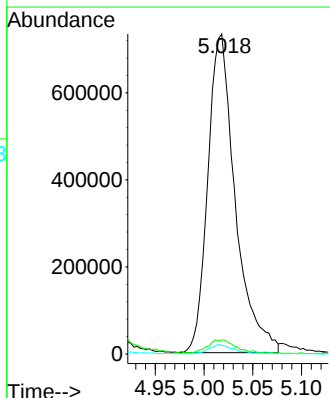
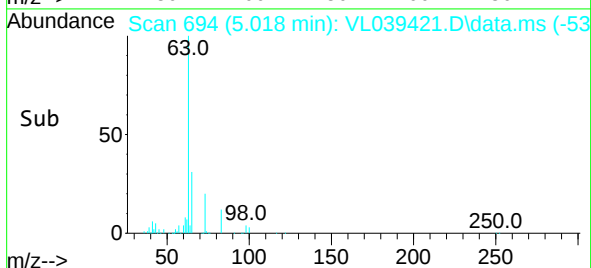


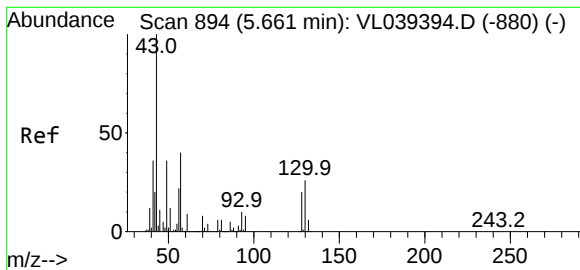
#24
 1,1-Dichloroethane
 Concen: 10.133 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.022 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46



Tgt Ion: 63 Resp: 1433738

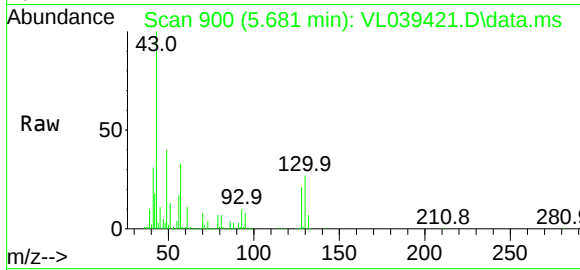
Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.3
100	2.6	1.5	4.4





#25
Ethyl Acetate
Concen: 9.734 ppbv
RT: 5.681 min Scan# 903
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

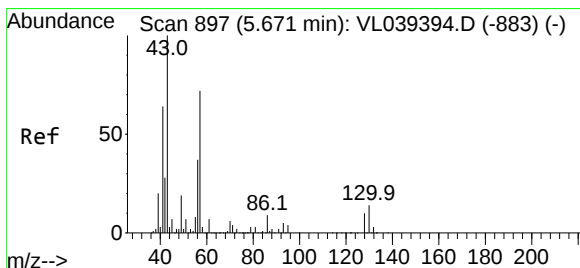
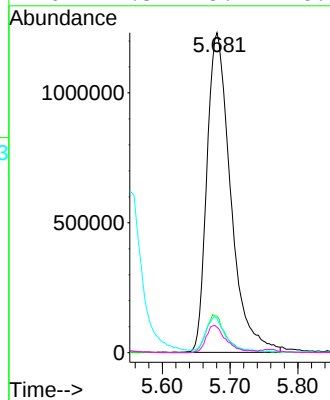
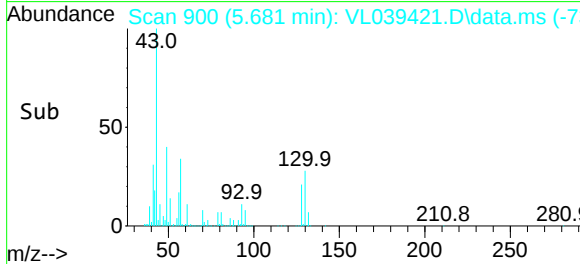
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



Tgt Ion: 43 Resp: 299190
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 9.7 8.3 12.5
70 7.3 5.9 8.9

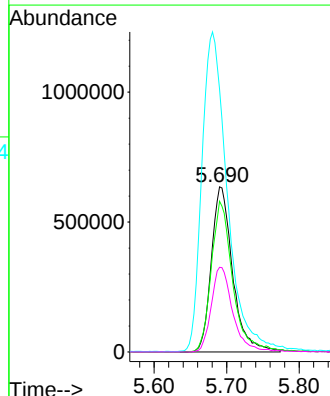
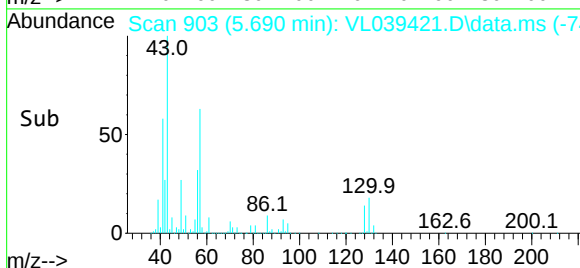
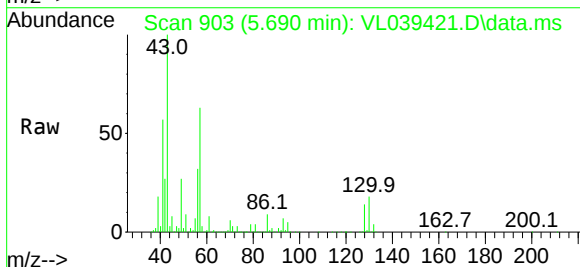
Manual Integrations
APPROVED

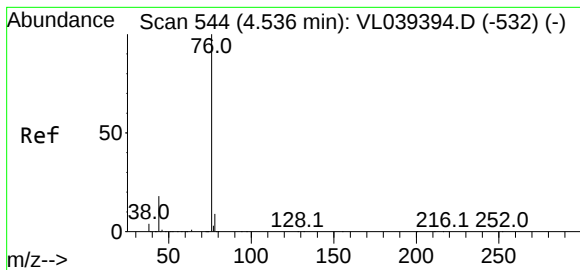
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#26
Hexane
Concen: 10.459 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

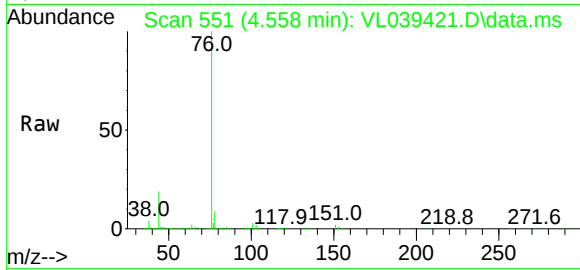
Tgt Ion: 57 Resp: 1295884
Ion Ratio Lower Upper
57 100
41 92.7 76.9 115.3
43 233.4 191.0 286.6
56 52.4 43.2 64.8





#27
Carbon Disulfide
Concen: 10.288 ppbv
RT: 4.558 min Scan# 51
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

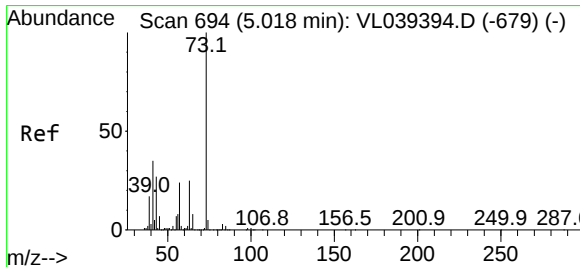
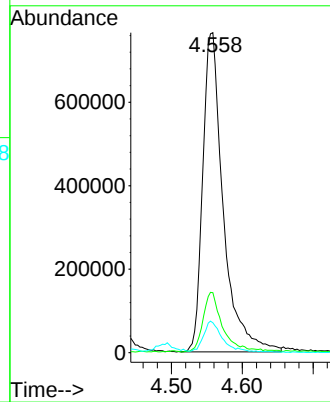
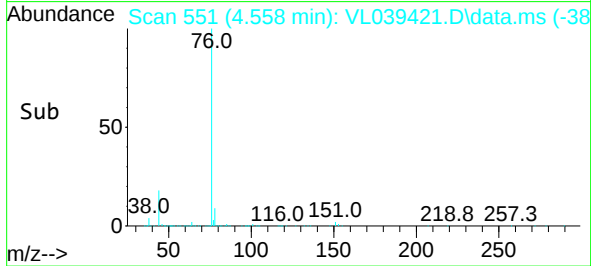
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



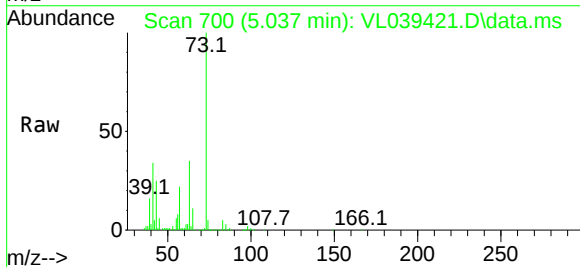
Tgt Ion: 76 Resp: 153859
Ion Ratio Lower Upper
76 100
44 18.0 14.6 21.8
78 9.4 7.8 11.6

Manual Integrations
APPROVED

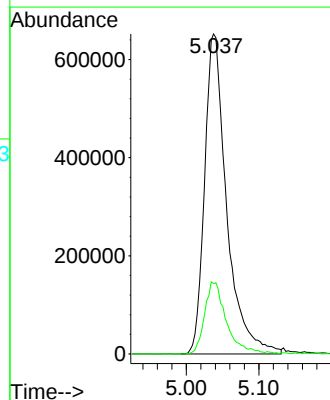
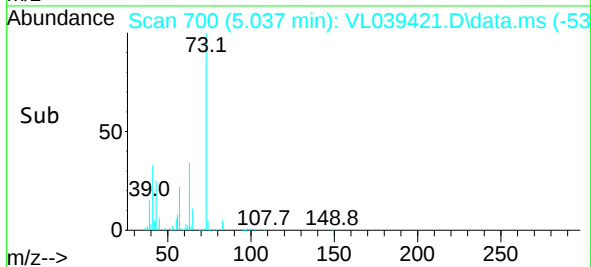
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

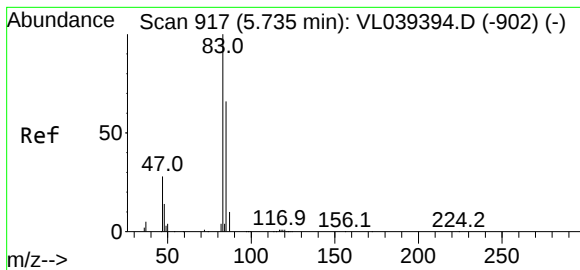


#28
Methyl tert-Butyl Ether
Concen: 10.419 ppbv
RT: 5.037 min Scan# 700
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



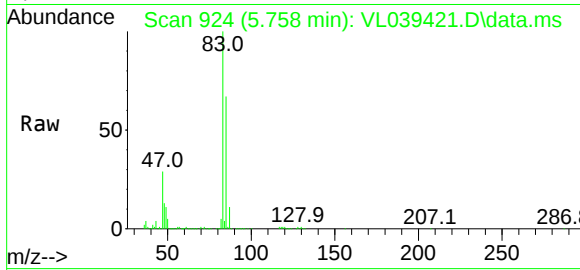
Tgt Ion: 73 Resp: 1380228
Ion Ratio Lower Upper
73 100
57 22.5 19.8 29.8





#29
Chloroform
Concen: 9.395 ppbv
RT: 5.758 min Scan# 917
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

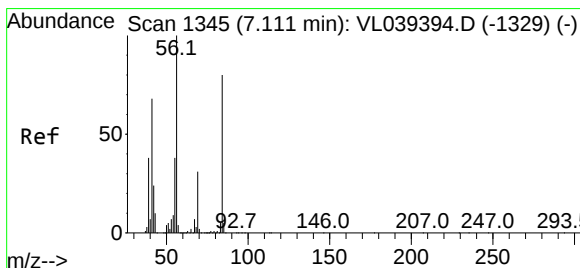
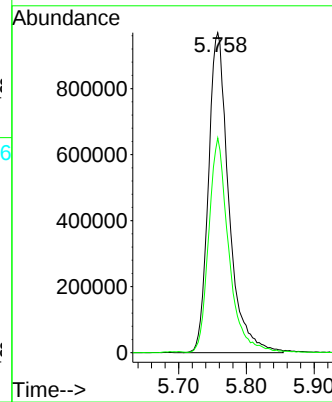
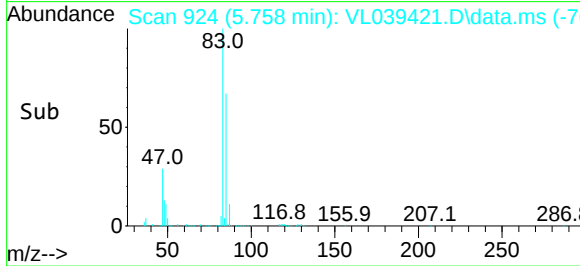
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



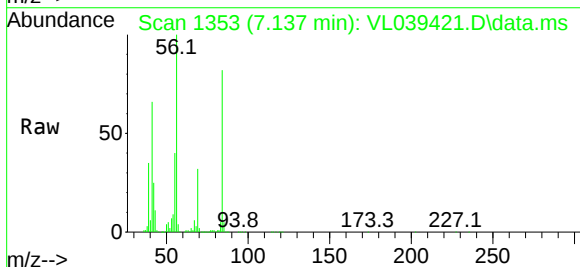
Tgt Ion: 83 Resp: 2024109
Ion Ratio Lower Upper
83 100
85 66.9 52.8 79.2

Manual Integrations
APPROVED

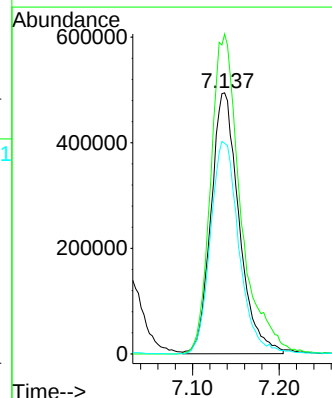
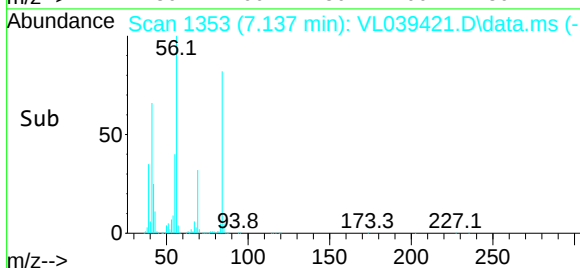
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

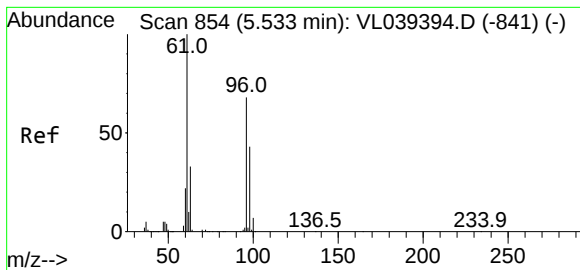


#30
Cyclohexane
Concen: 9.847 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion: 84 Resp: 1110790
Ion Ratio Lower Upper
84 100
56 131.7 107.7 161.5
41 83.8 67.7 101.5





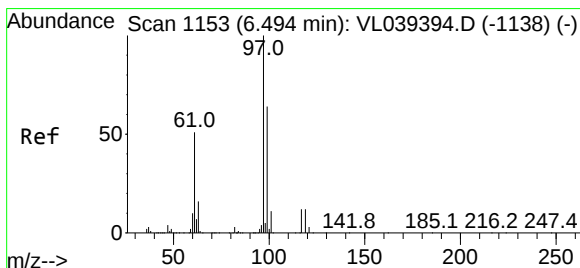
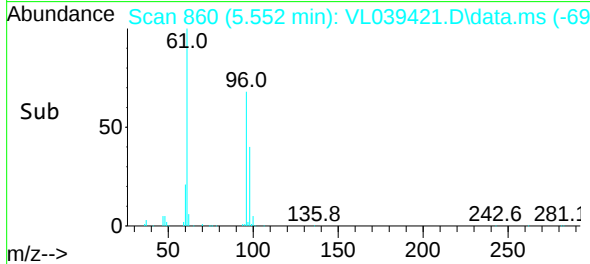
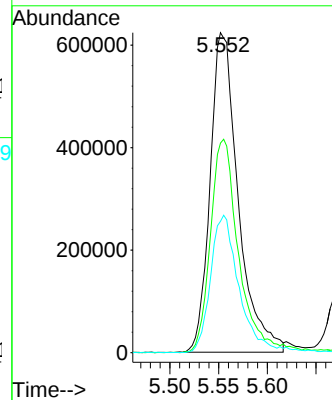
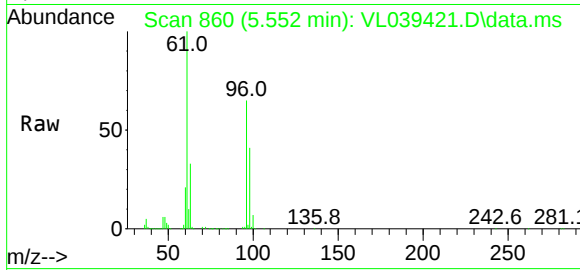
#31
cis-1,2-Dichloroethene
Concen: 9.525 ppbv
RT: 5.552 min Scan# 80
Delta R.T. 0.019 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01

Tgt Ion: 61 Resp: 125220
Ion Ratio Lower Upper
61 100
96 65.5 54.1 81.1
98 41.1 34.6 52.0

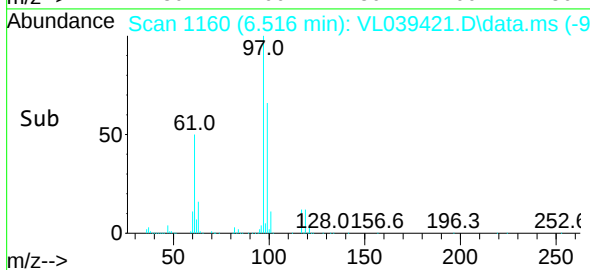
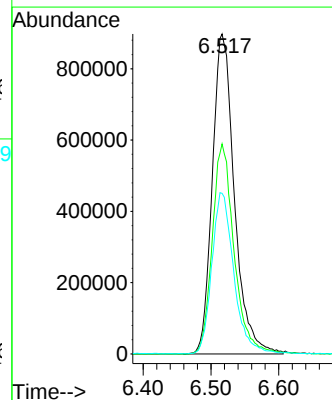
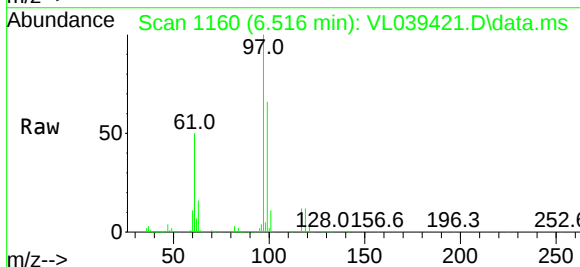
Manual Integrations
APPROVED

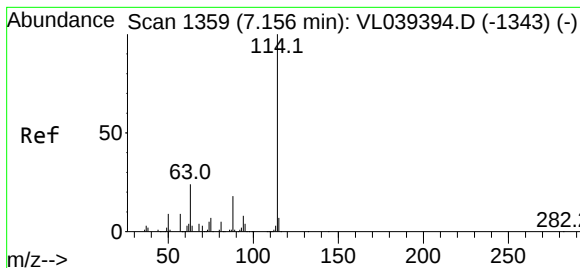
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#32
1,1,1-Trichloroethane
Concen: 9.551 ppbv
RT: 6.516 min Scan# 1160
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

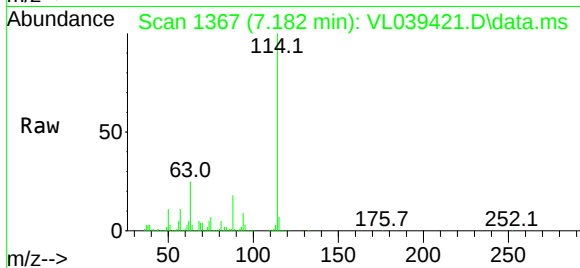
Tgt Ion: 97 Resp: 2031105
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 50.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

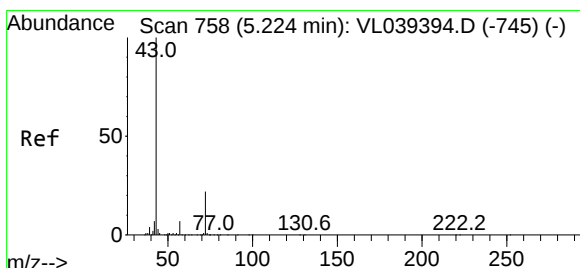
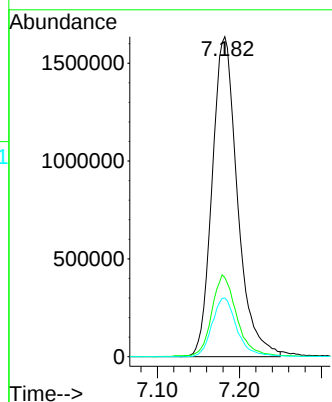
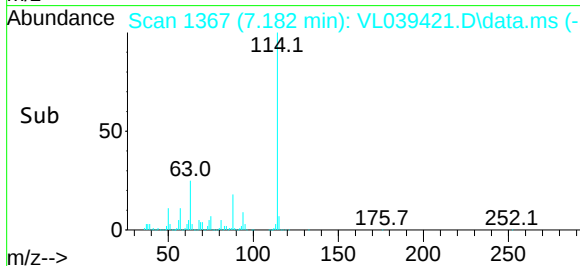
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



Tgt Ion:114 Resp: 350448
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.2 14.5 21.7

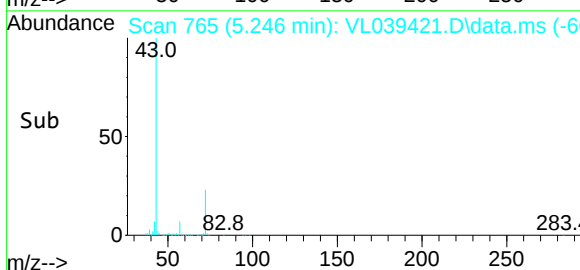
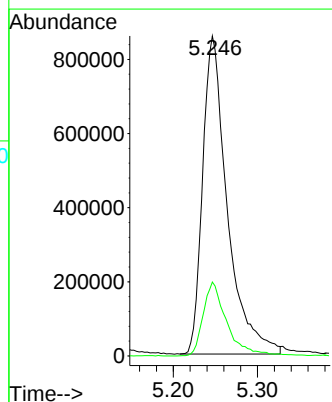
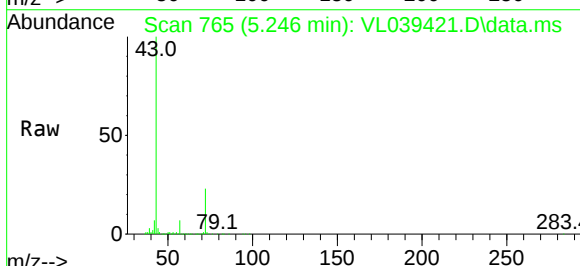
Manual Integrations
APPROVED

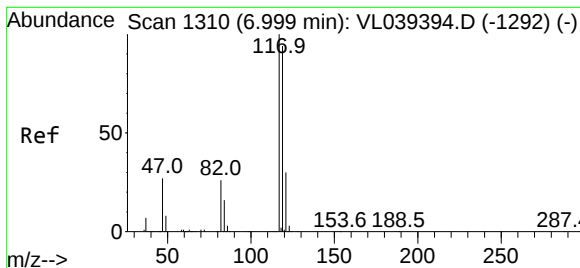
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#34
2-Butanone
Concen: 9.929 ppbv
RT: 5.246 min Scan# 765
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

Tgt Ion: 43 Resp: 1751564
Ion Ratio Lower Upper
43 100
72 22.5 17.9 26.9





#35

Carbon Tetrachloride

Concen: 9.994 ppbv

RT: 7.021 min Scan# 11

Delta R.T. 0.022 min

Lab File: VL039421.D

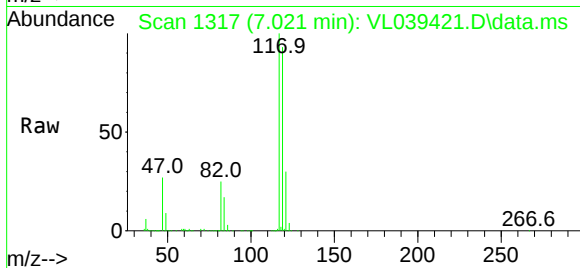
Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01



Tgt Ion:117 Resp: 216413

Ion Ratio Lower Upper

117 100

119 93.1 75.4 113.2

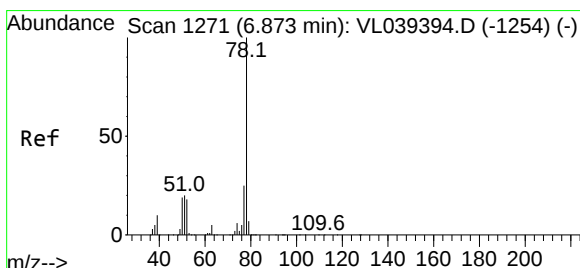
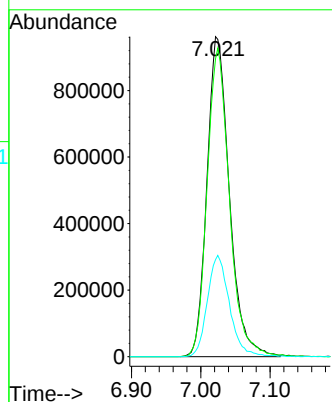
121 30.3 24.2 36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#36

Benzene

Concen: 9.689 ppbv

RT: 6.896 min Scan# 1278

Delta R.T. 0.022 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

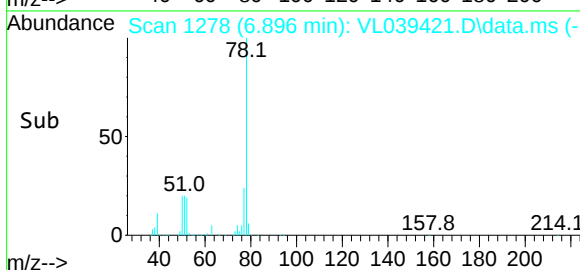
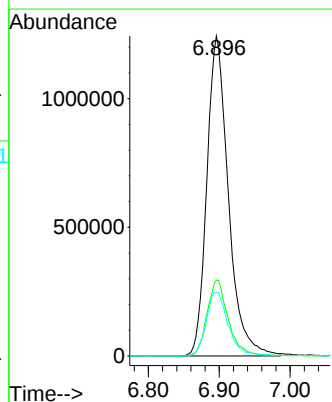
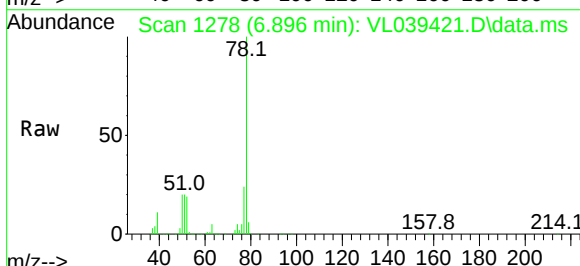
Tgt Ion: 78 Resp: 2627839

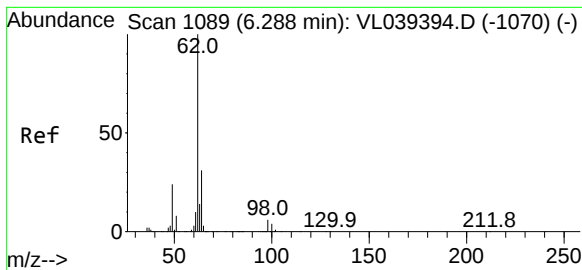
Ion Ratio Lower Upper

78 100

77 23.7 20.3 30.5

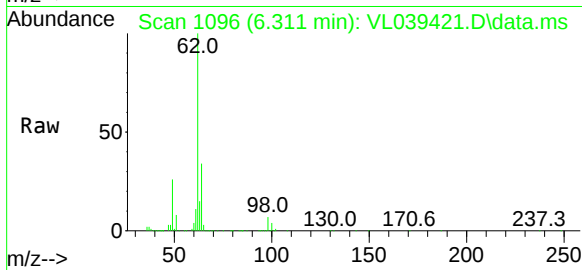
50 19.9 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.734 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

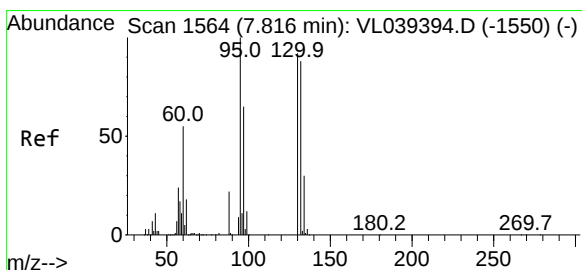
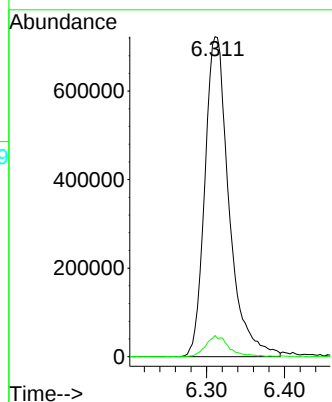
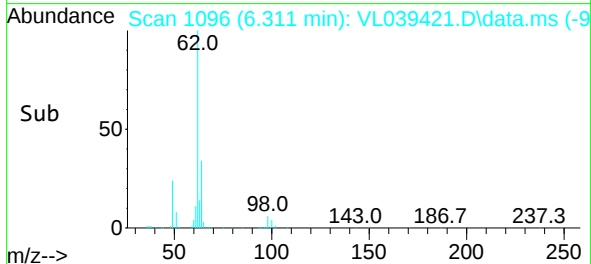
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



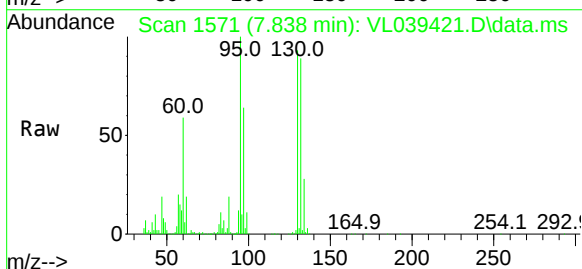
Tgt Ion: 62 Resp: 155841
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

Manual Integrations
APPROVED

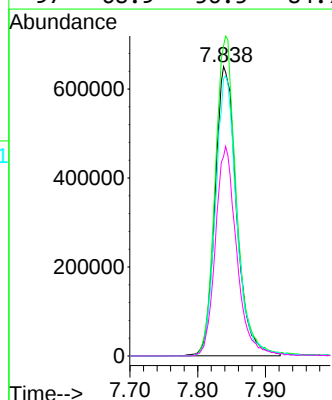
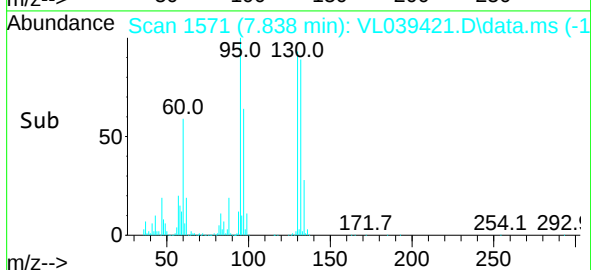
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

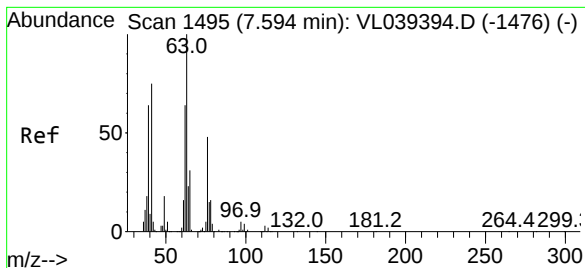


#38
Trichloroethene
Concen: 9.764 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



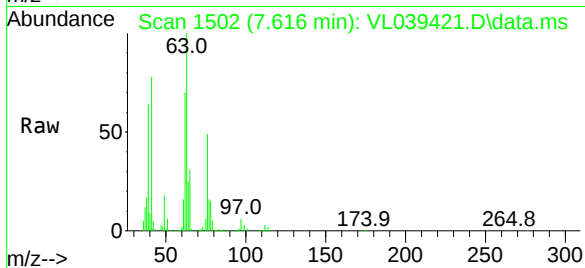
Tgt Ion:130 Resp: 1432423
Ion Ratio Lower Upper
130 100
95 107.2 87.3 130.9
132 95.8 76.7 115.1
97 68.9 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.759 ppbv
RT: 7.616 min Scan# 1502
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

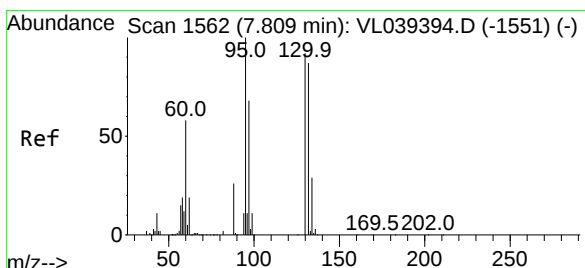
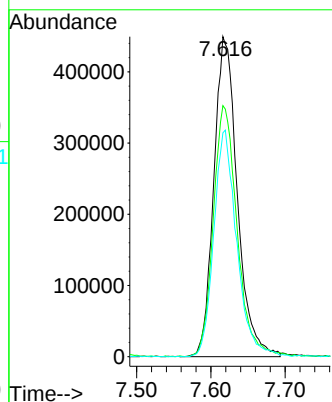
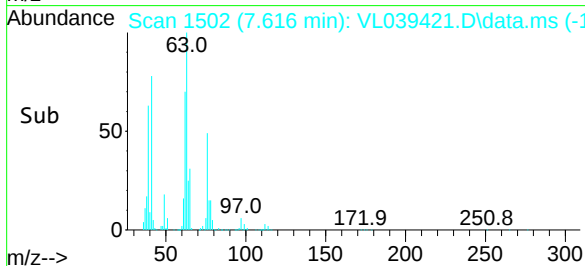
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



Tgt Ion: 63 Resp: 988872
Ion Ratio Lower Upper
63 100
41 78.2 59.6 89.4
62 69.8 51.4 77.0

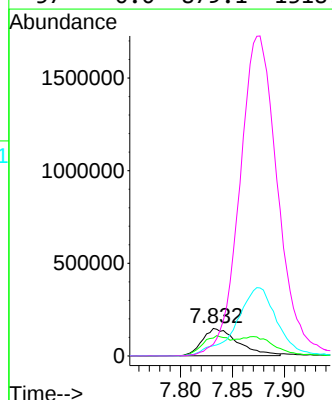
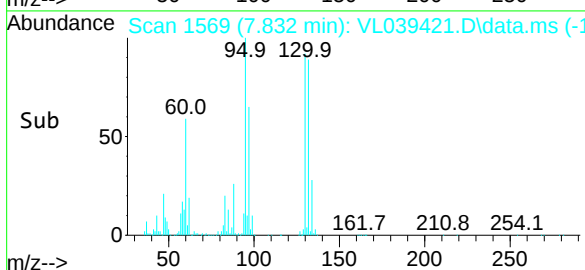
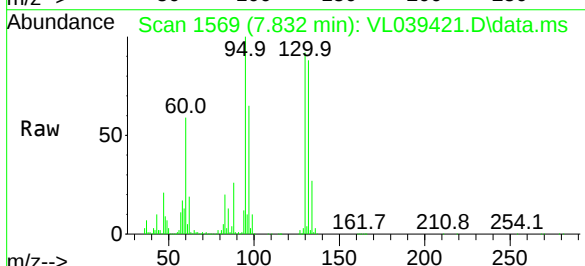
Manual Integrations
APPROVED

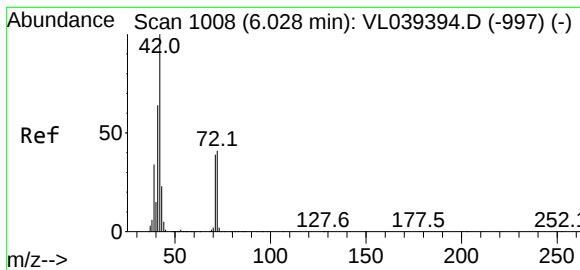
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#40
1,4-Dioxane
Concen: 8.702 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

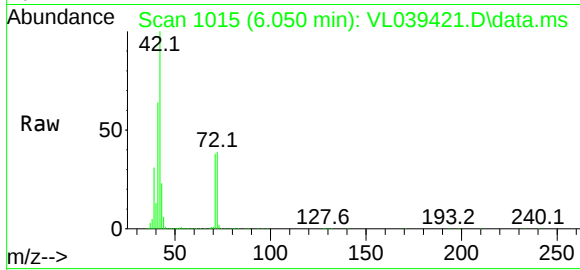
Tgt Ion: 88 Resp: 351385
Ion Ratio Lower Upper
88 100
58 53.2 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 9.838 ppbv
RT: 6.050 min Scan# 1008
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

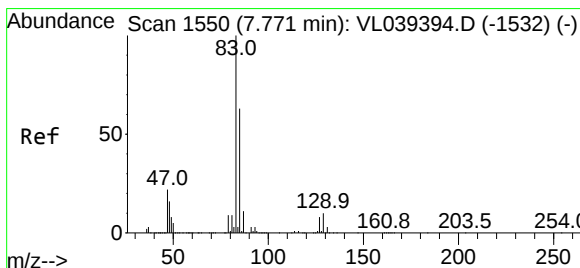
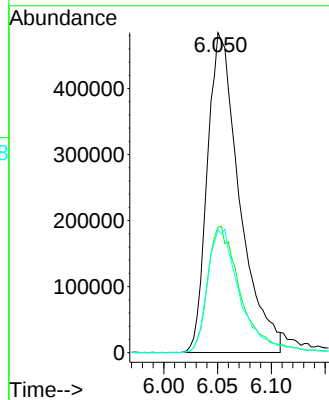
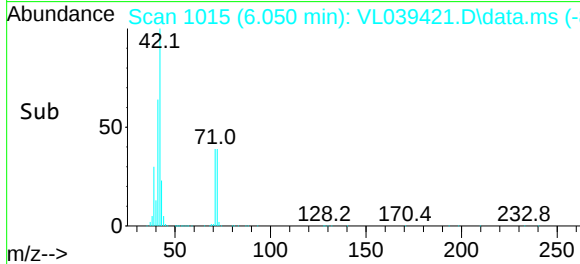
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



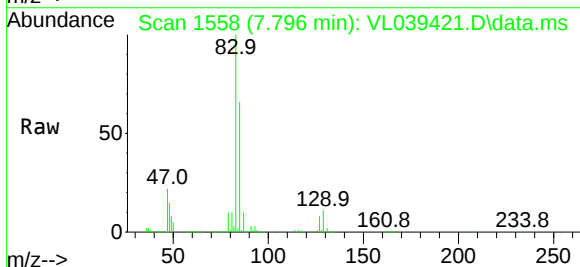
Tgt Ion: 42 Resp: 1005700
Ion Ratio Lower Upper
42 100
72 41.5 31.8 47.8
71 40.3 31.8 47.8

Manual Integrations
APPROVED

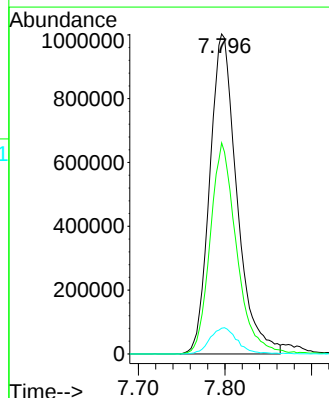
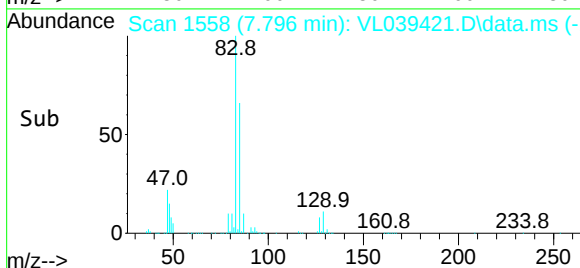
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

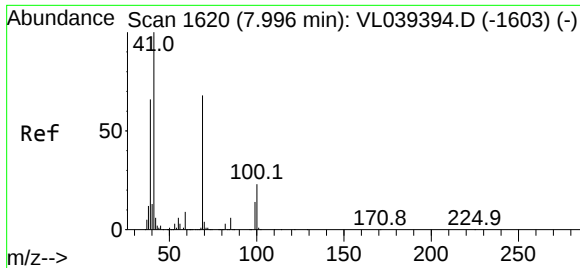


#42
Bromodichloromethane
Concen: 10.114 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



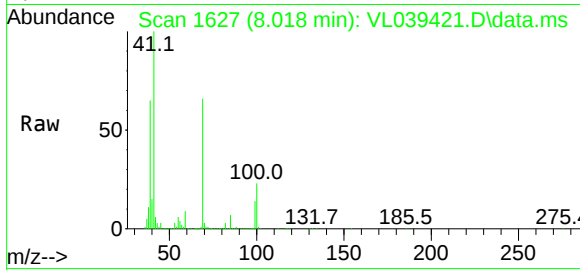
Tgt Ion: 83 Resp: 2183279
Ion Ratio Lower Upper
83 100
85 65.9 50.7 76.1
127 8.1 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.394 ppbv
RT: 8.018 min Scan# 107193
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

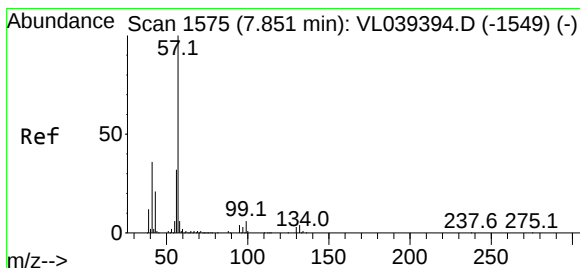
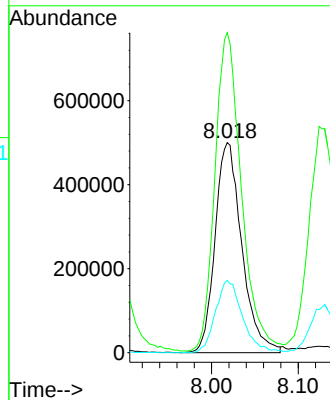
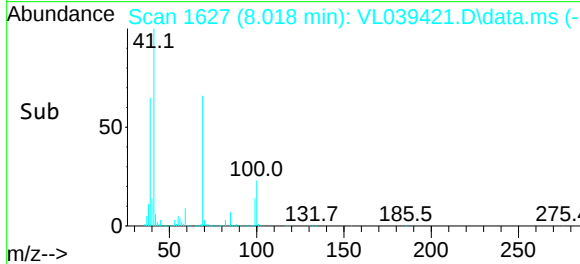
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



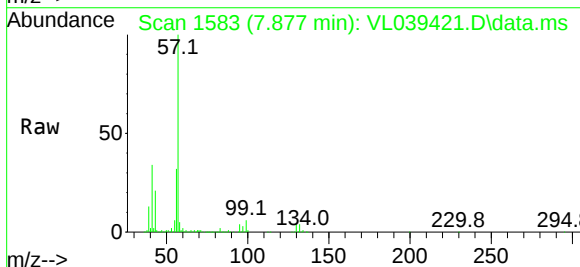
Tgt Ion: 69 Resp: 107193
Ion Ratio Lower Upper
69 100
41 152.0 120.8 181.2
100 34.8 27.8 41.6

Manual Integrations
APPROVED

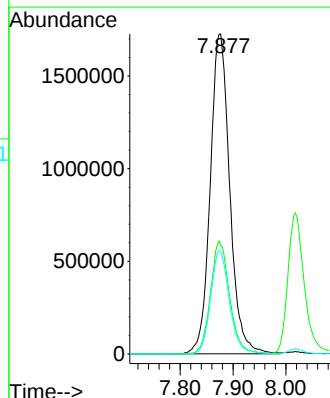
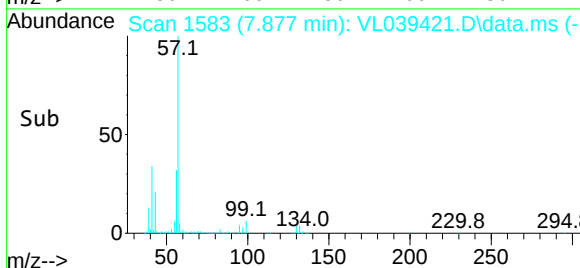
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

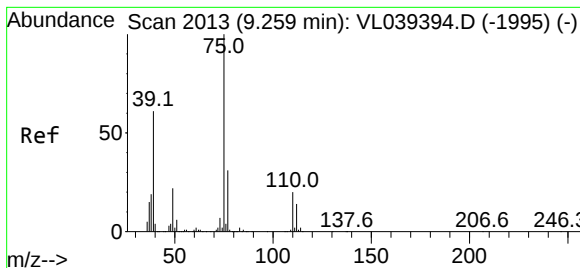


#44
2,2,4-Trimethylpentane
Concen: 9.644 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



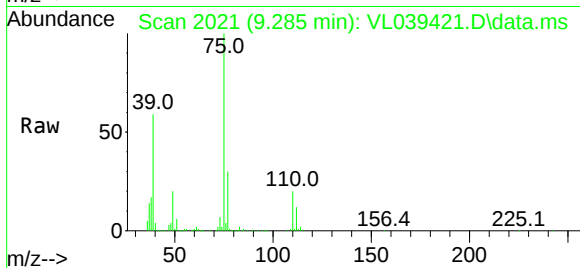
Tgt Ion: 57 Resp: 4432656
Ion Ratio Lower Upper
57 100
41 34.4 27.4 41.2
56 31.1 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 11.904 ppbv
RT: 9.285 min Scan# 2013
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

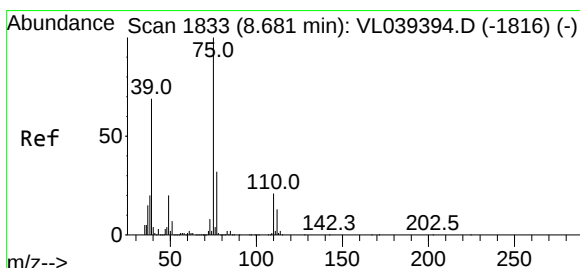
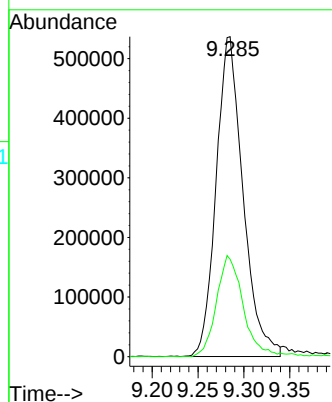
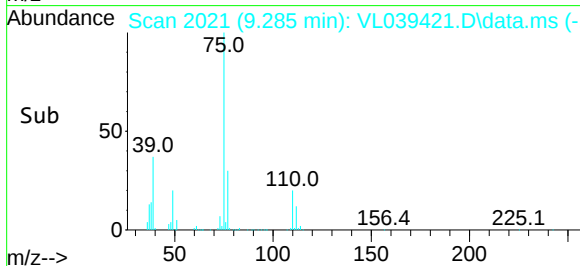
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



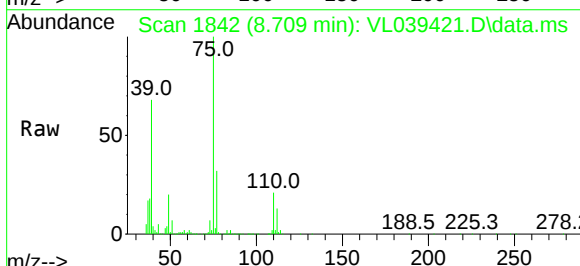
Tgt Ion: 75 Resp: 109309
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8

Manual Integrations
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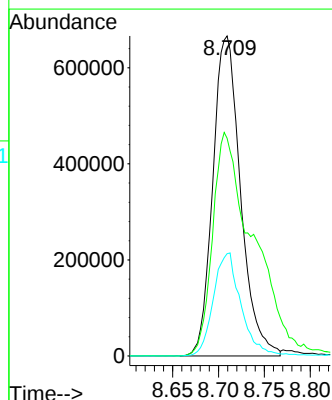
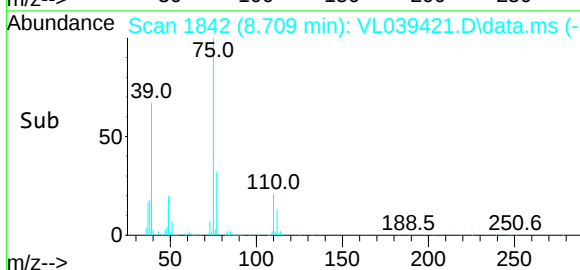
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

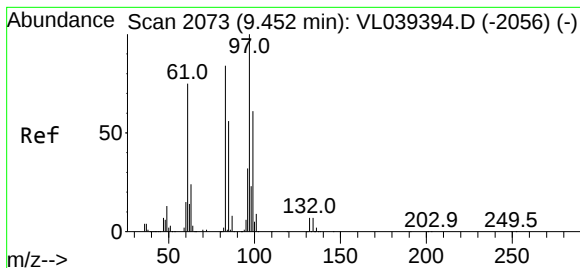


#46
cis-1,3-Dichloropropene
Concen: 11.077 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



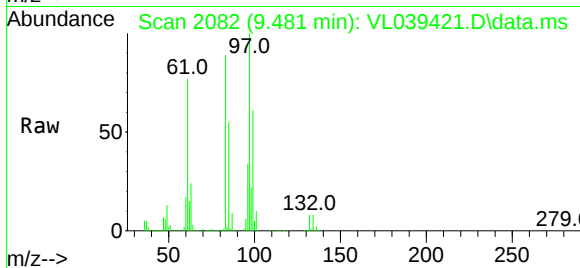
Tgt Ion: 75 Resp: 1400035
Ion Ratio Lower Upper
75 100
39 67.9 55.0 82.4
77 32.0 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.826 ppbv
RT: 9.481 min Scan# 2073
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

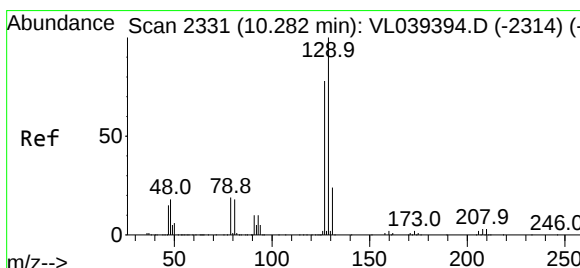
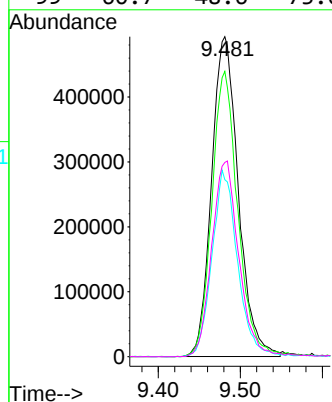
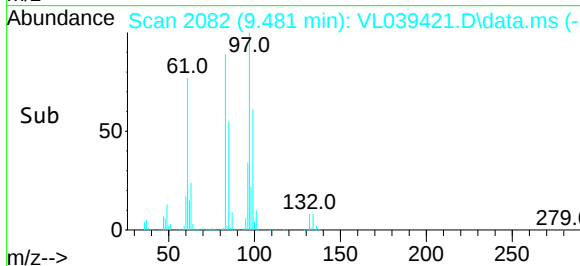
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



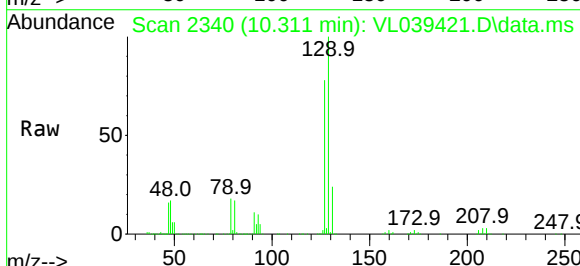
Tgt Ion: 97 Resp: 1117104
Ion Ratio Lower Upper
97 100
83 89.2 67.4 101.0
85 55.3 45.1 67.7
99 60.7 48.6 73.0

Manual Integrations
APPROVED

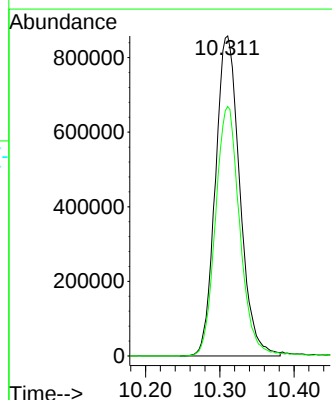
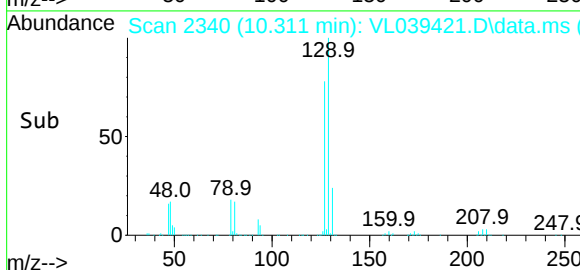
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

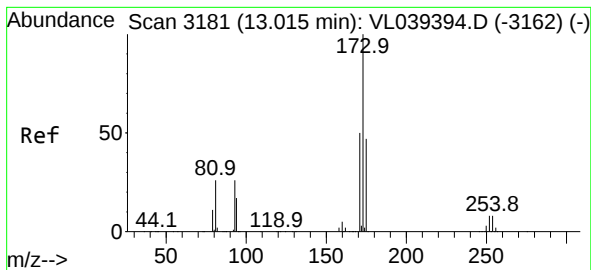


#48
Dibromochloromethane
Concen: 10.838 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion:129 Resp: 1958372
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.9





#49

Bromoform

Concen: 11.167 ppbv

RT: 13.044 min Scan# 3181

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion:173 Resp: 162794

Ion Ratio Lower Upper

173 100

175 50.3 40.3 60.5

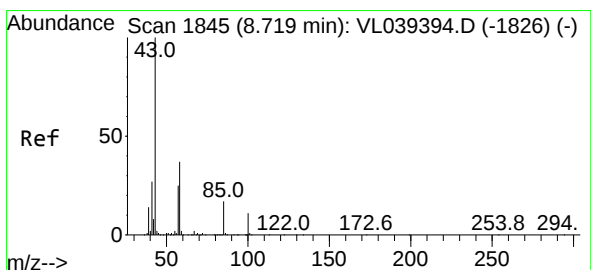
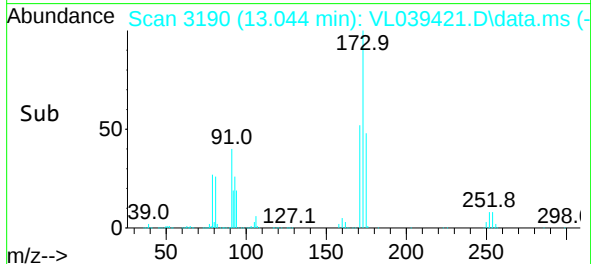
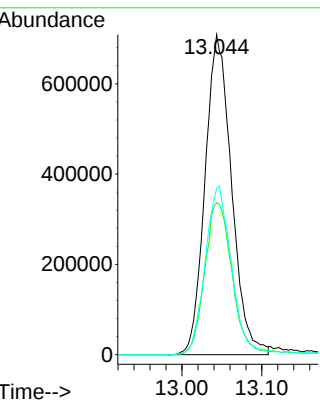
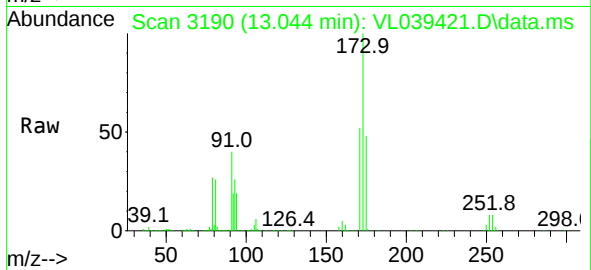
171 54.1 42.9 64.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#50

4-Methyl-2-Pentanone

Concen: 10.436 ppbv

RT: 8.745 min Scan# 1853

Delta R.T. 0.026 min

Lab File: VL039421.D

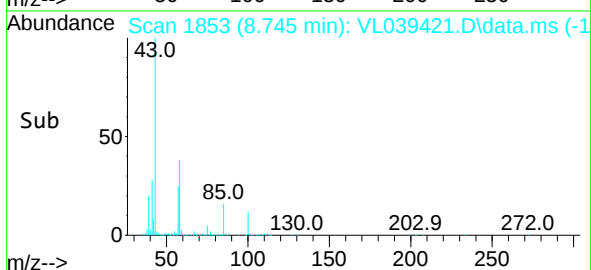
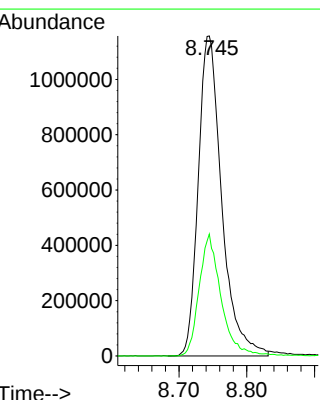
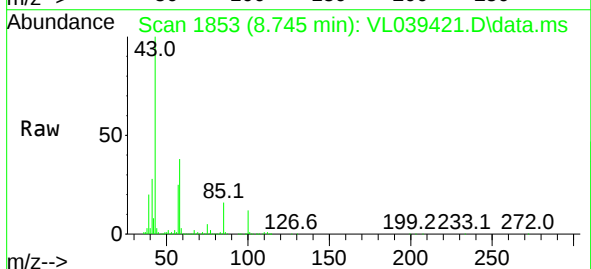
Acq: 5 Jul 2022 15:46

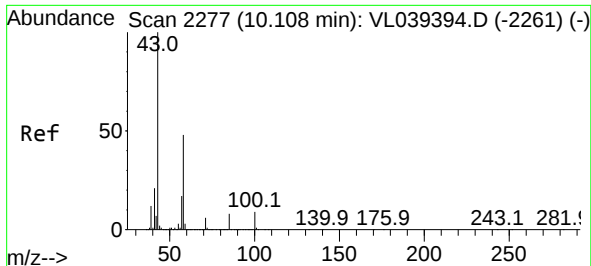
Tgt Ion: 43 Resp: 2783847

Ion Ratio Lower Upper

43 100

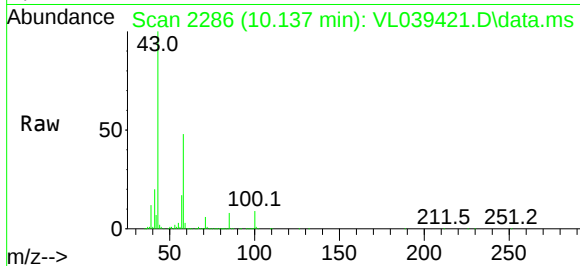
58 35.6 28.8 43.2





#51
2-Hexanone
Concen: 10.786 ppbv
RT: 10.137 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

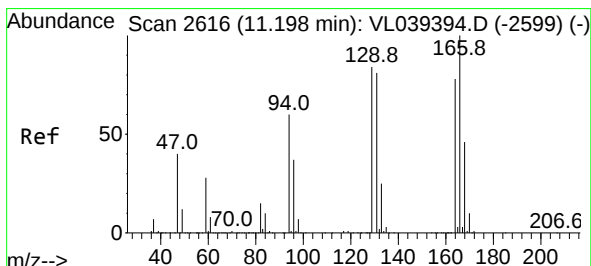
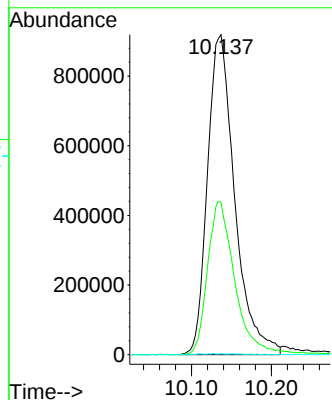
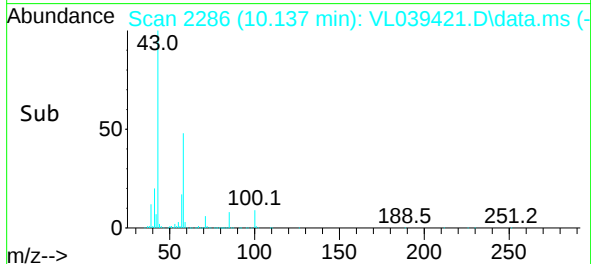
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



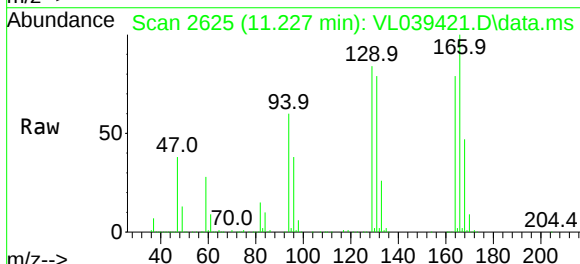
Tgt Ion: 43 Resp: 2176178
Ion Ratio Lower Upper
43 100
58 48.1 38.4 57.6
98 0.2 0.3 0.5

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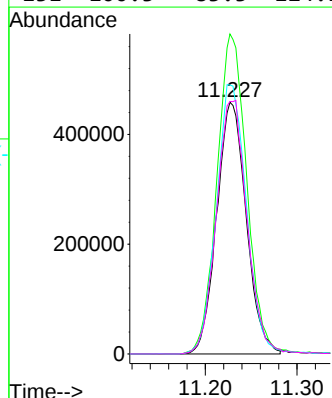
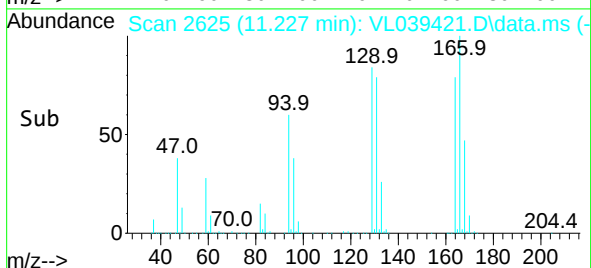
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

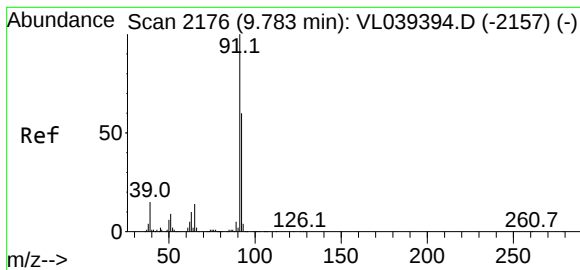


#52
Tetrachloroethene
Concen: 9.376 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion:164 Resp: 1023756
Ion Ratio Lower Upper
164 100
166 127.1 102.2 153.2
129 106.8 85.8 128.8
131 100.3 83.3 124.9





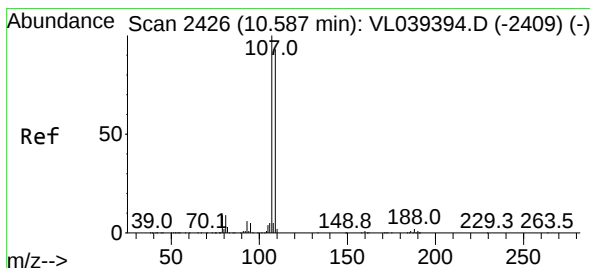
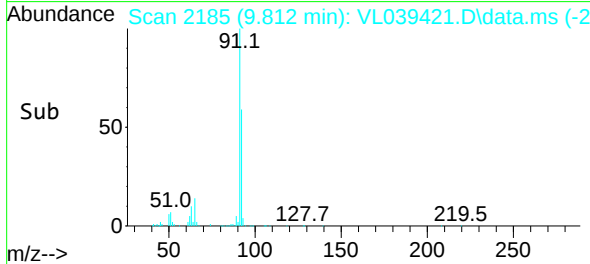
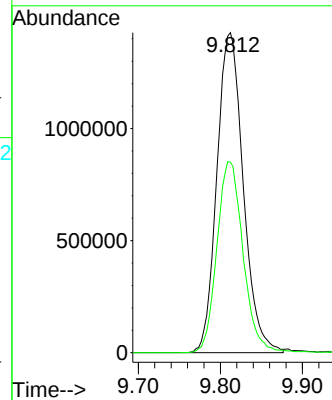
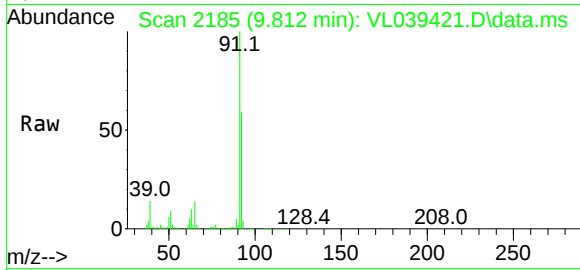
#53
Toluene
Concen: 10.213 ppbv
RT: 9.812 min Scan# 2176
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01

Tgt Ion: 91 Resp: 319511
Ion Ratio Lower Upper
91 100
92 59.4 48.2 72.2

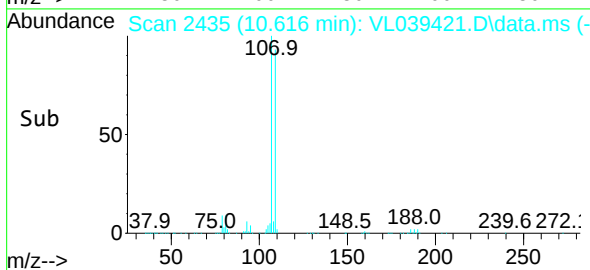
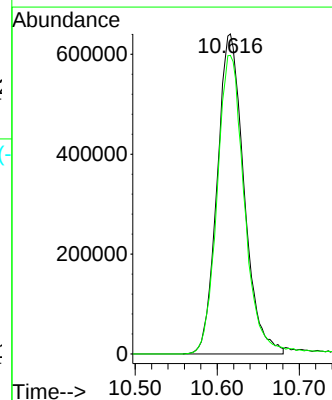
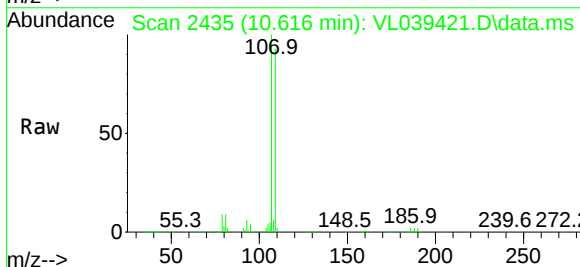
Manual Integrations
APPROVED

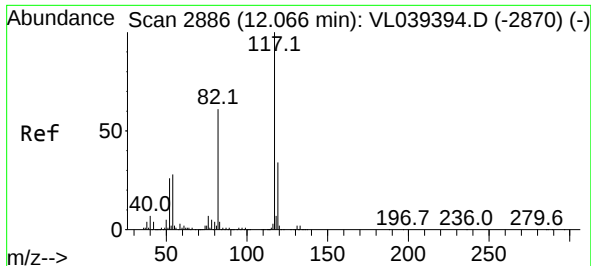
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#54
1,2-Dibromoethane
Concen: 10.300 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

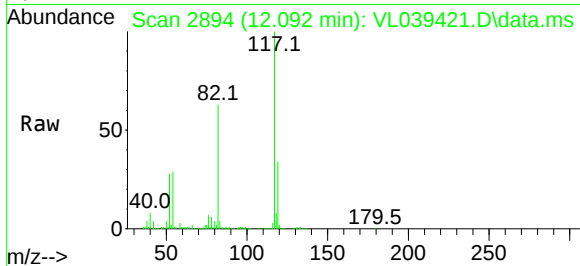
Tgt Ion:107 Resp: 1457096
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.092 min Scan# 2886
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

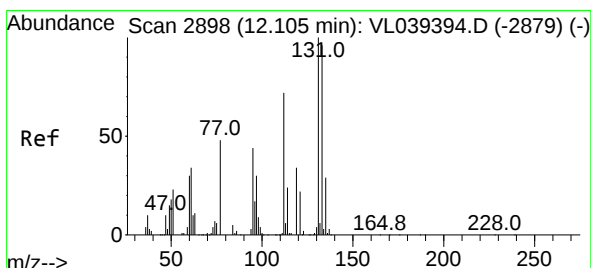
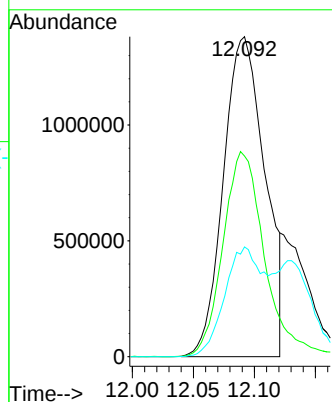
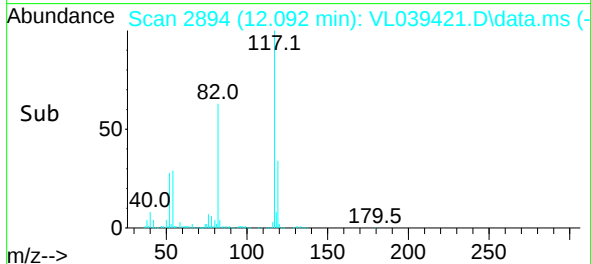
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



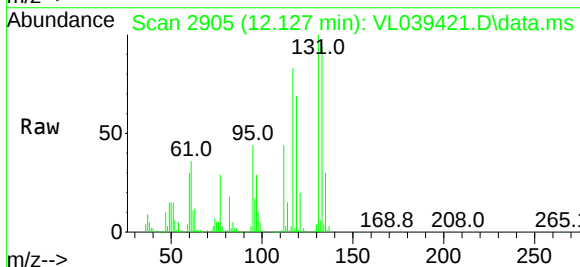
Tgt Ion:117 Resp: 327650
Ion Ratio Lower Upper
117 100
82 65.5 50.8 76.2
119 60.2 24.1 36.1

Manual Integrations
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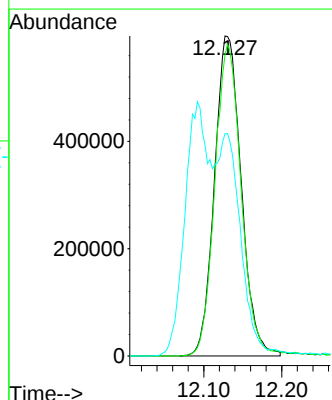
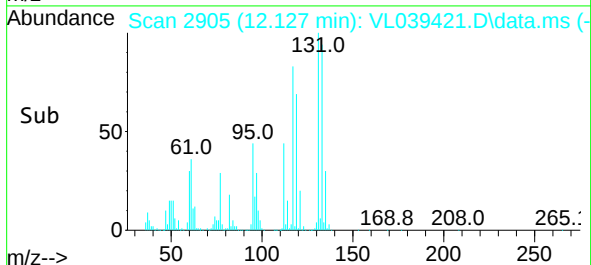
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

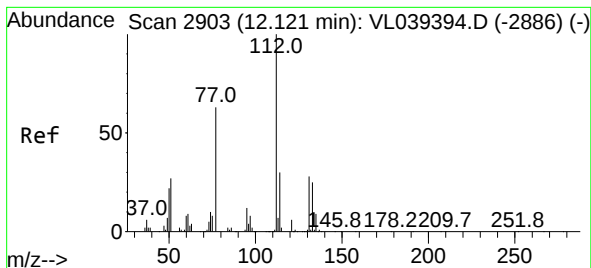


#56
1,1,1,2-Tetrachloroethane
Concen: 9.819 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. 0.022 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion:131 Resp: 1421191
Ion Ratio Lower Upper
131 100
133 97.1 76.8 115.2
119 63.5 46.2 69.4





#57

Chlorobenzene

Concen: 9.582 ppbv

RT: 12.150 min Scan# 2903

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

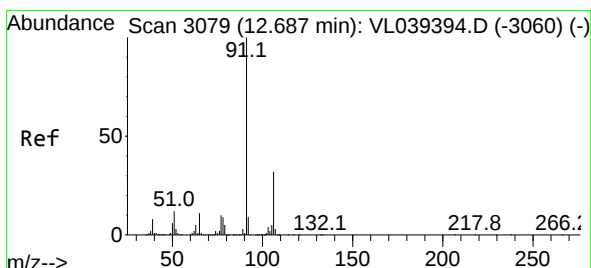
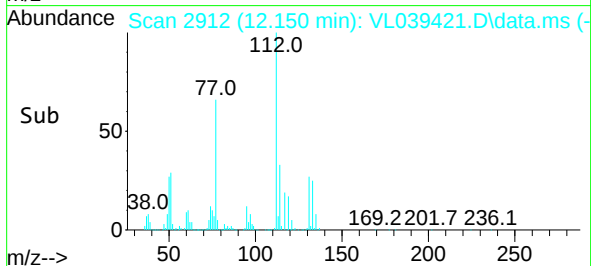
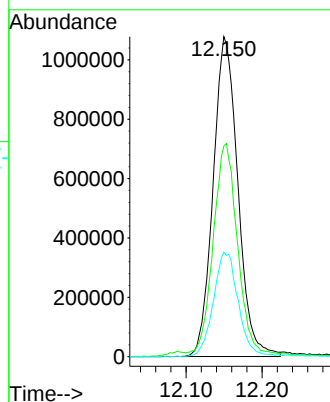
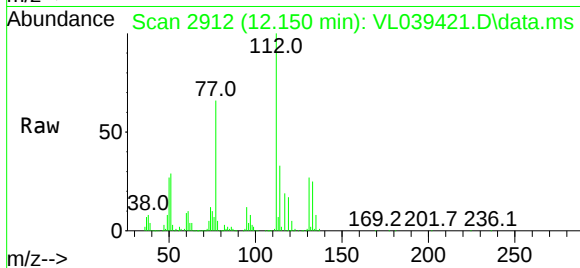
Tgt Ion:112 Resp: 2433936

Ion	Ratio	Lower	Upper
112	100		
77	64.9	51.0	76.4
114	32.6	27.5	33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#58

Ethyl Benzene

Concen: 10.246 ppbv

RT: 12.712 min Scan# 3087

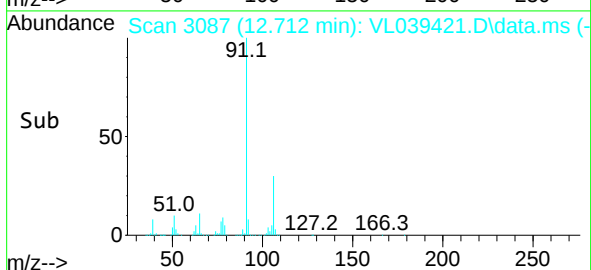
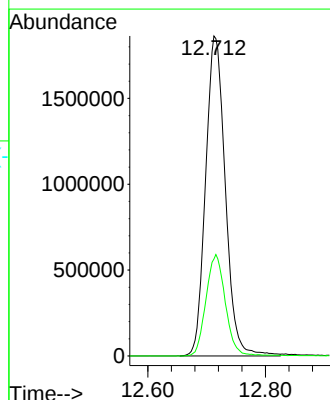
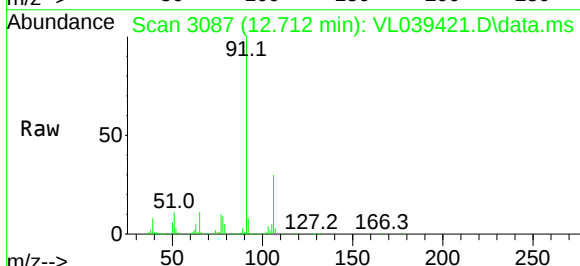
Delta R.T. 0.026 min

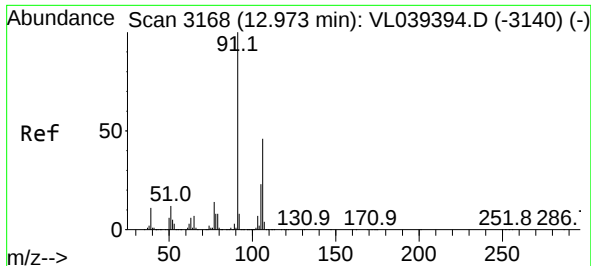
Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Tgt Ion: 91 Resp: 4335062

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.4	38.0





#59

m/p-Xylene

Concen: 19.830 ppbv m

RT: 12.999 min Scan# 3168

Delta R.T. 0.026 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion: 91 Resp: 739648

Ion Ratio Lower Upper

91 100

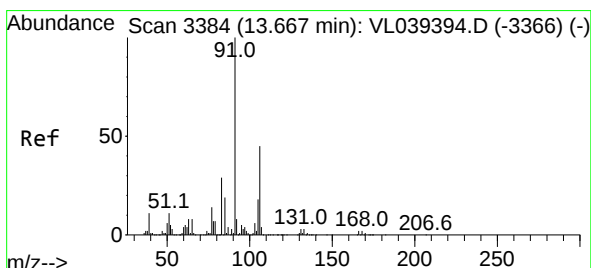
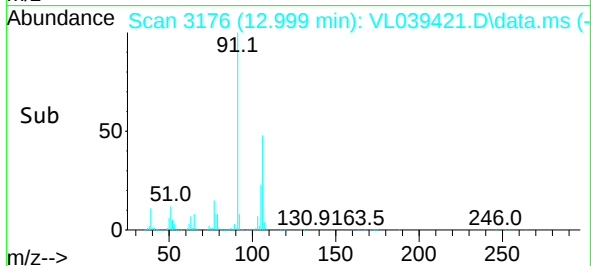
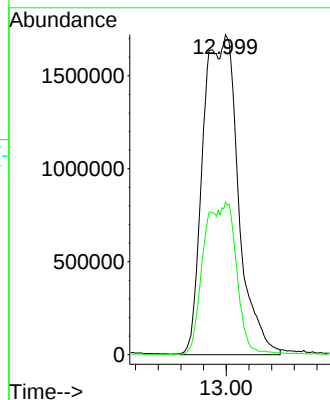
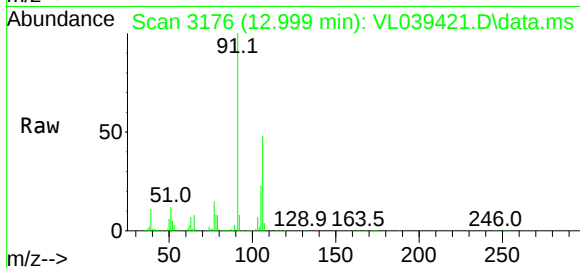
106 44.6 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#60

o-Xylene

Concen: 10.035 ppbv

RT: 13.696 min Scan# 3393

Delta R.T. 0.029 min

Lab File: VL039421.D

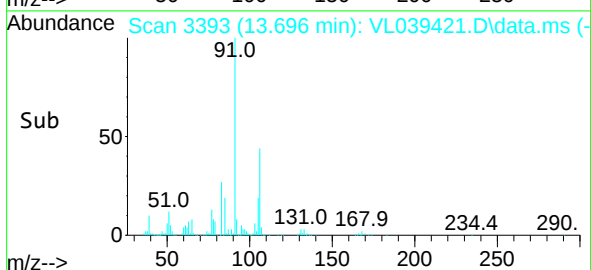
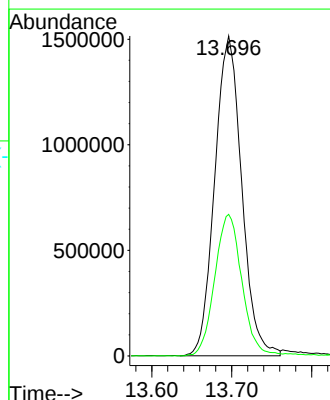
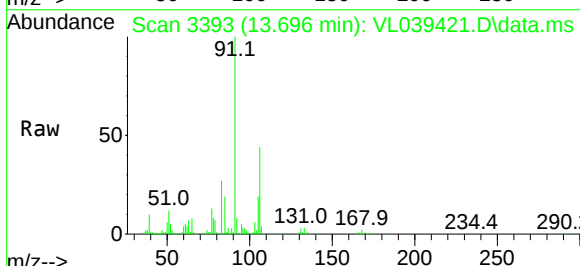
Acq: 5 Jul 2022 15:46

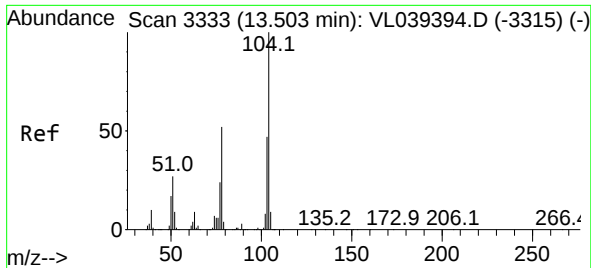
Tgt Ion: 91 Resp: 3544328

Ion Ratio Lower Upper

91 100

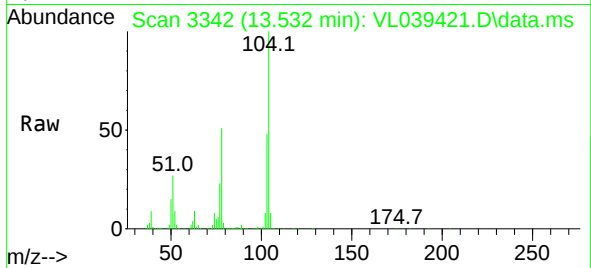
106 45.5 22.4 67.3





#61
Styrene
Concen: 11.077 ppbv
RT: 13.532 min Scan# 311
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

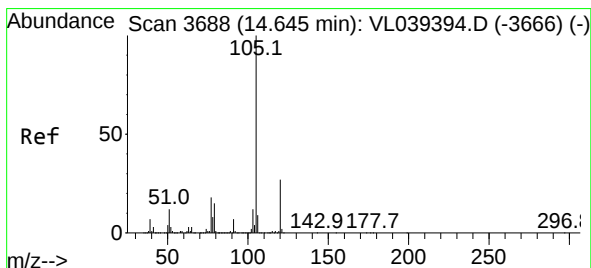
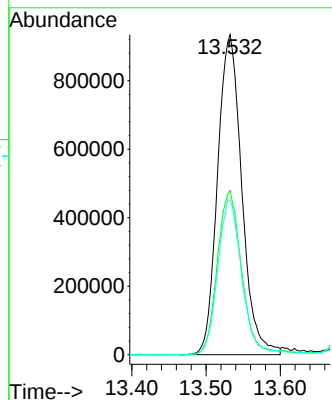
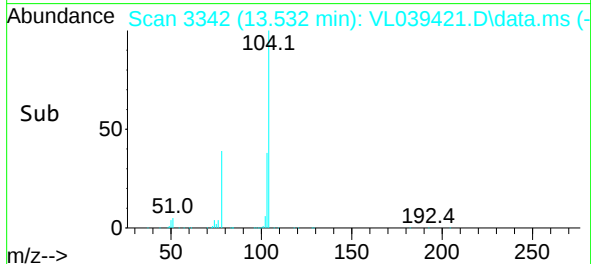
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



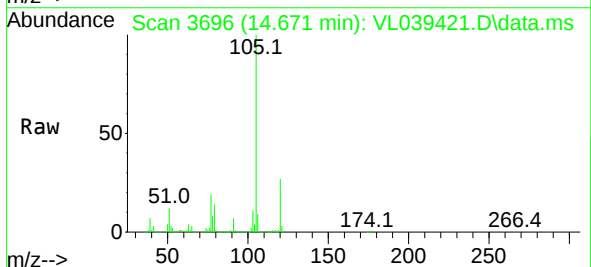
Tgt Ion:104 Resp: 211922
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 48.8 38.7 58.1

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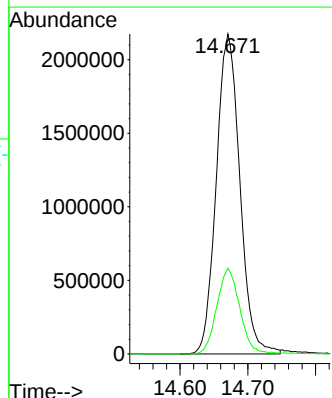
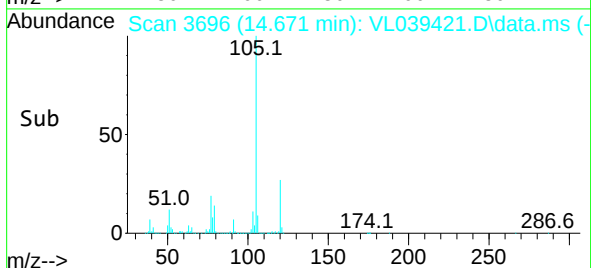
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

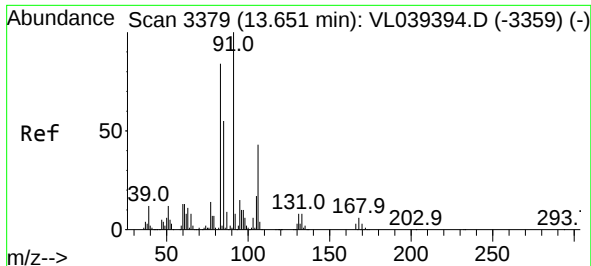


#62
Isopropylbenzene
Concen: 9.764 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



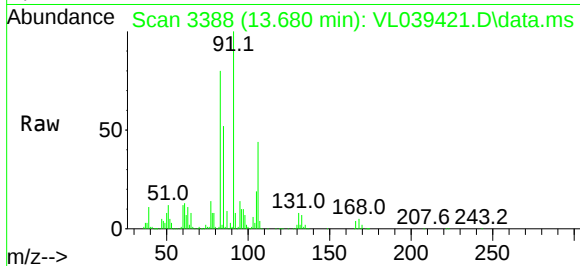
Tgt Ion:105 Resp: 5251910
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.300 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

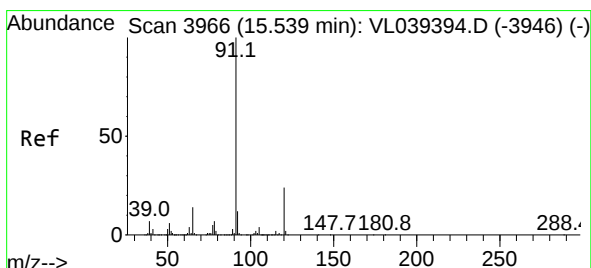
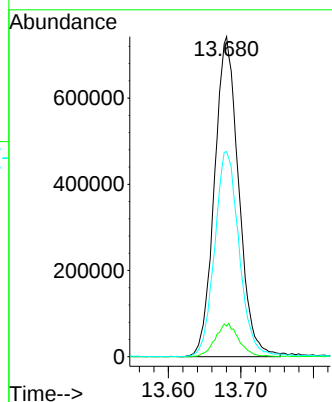
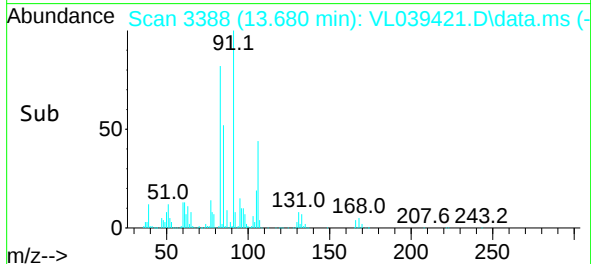
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



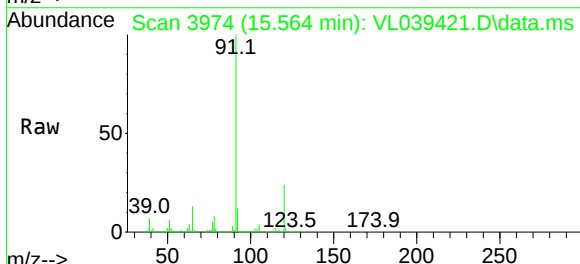
Tgt Ion: 83 Resp: 172166
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 65.5 33.1 99.5

Manual Integrations
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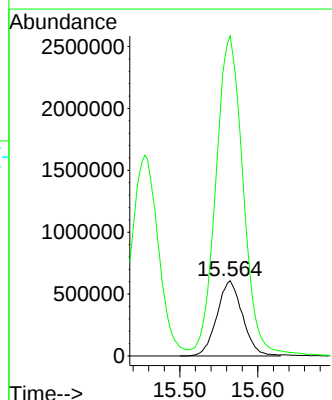
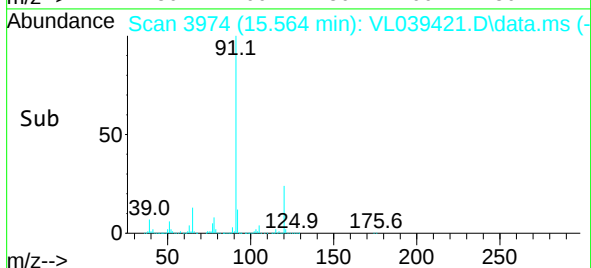
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

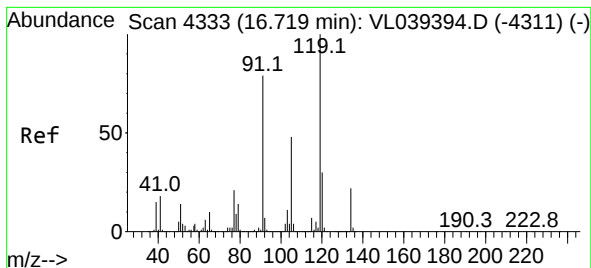


#64
n-propylbenzene
Concen: 10.152 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.026 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion:120 Resp: 1383932
Ion Ratio Lower Upper
120 100
91 456.7 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.652 ppbv

RT: 16.748 min Scan# 41

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion:119 Resp: 479753

Ion Ratio Lower Upper

119 100

91 79.9 63.4 95.2

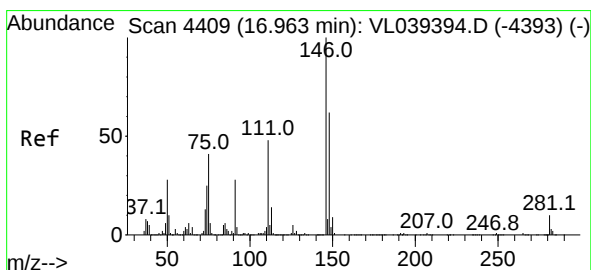
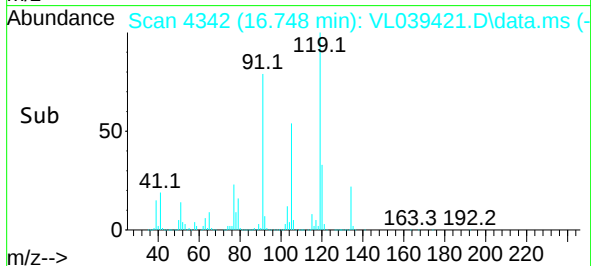
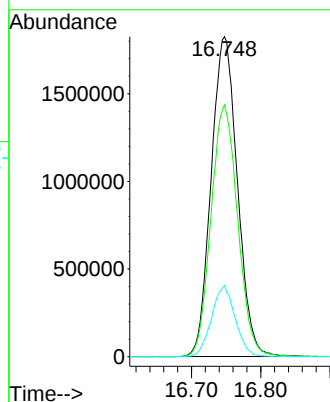
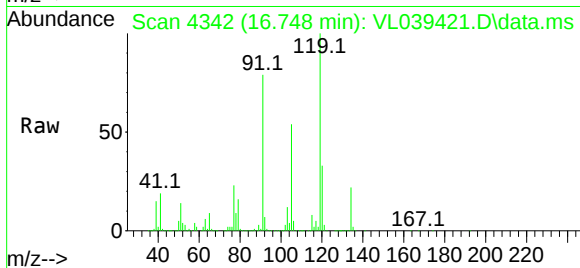
134 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#66

Benzyl Chloride

Concen: 11.638 ppbv m

RT: 16.995 min Scan# 4419

Delta R.T. 0.032 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

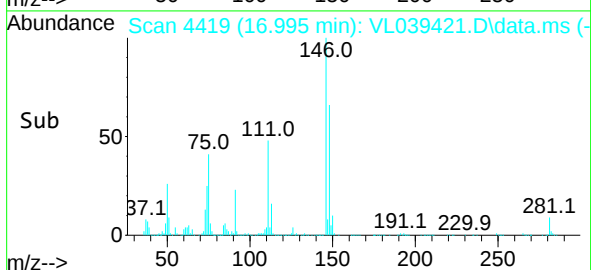
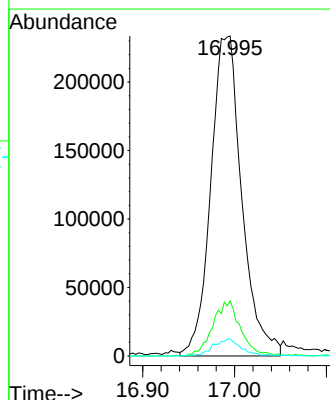
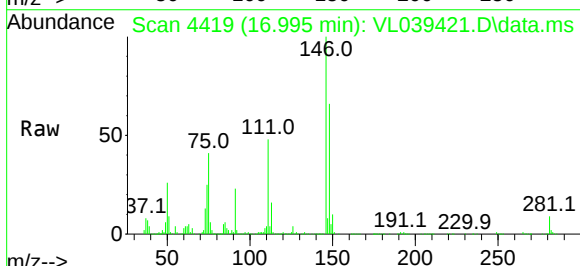
Tgt Ion: 91 Resp: 549655

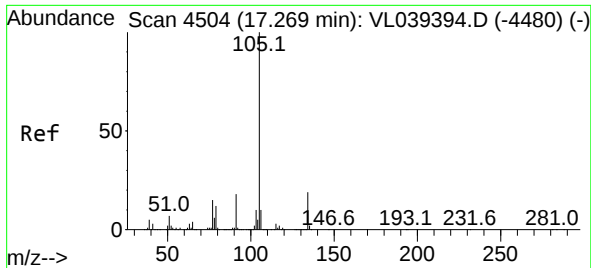
Ion Ratio Lower Upper

91 100

126 15.6 13.1 19.7

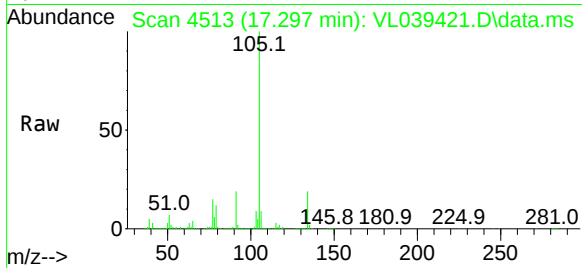
128 4.9 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.882 ppbv
 RT: 17.297 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46

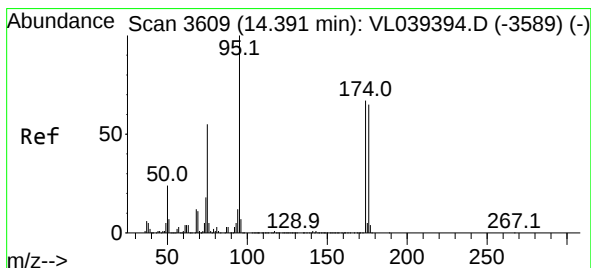
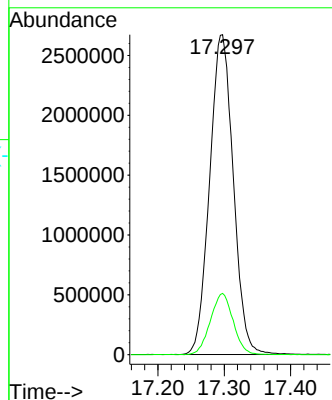
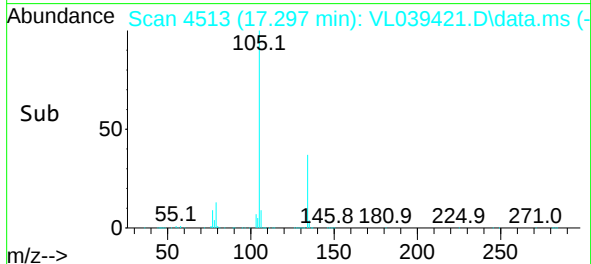
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0705ABS01



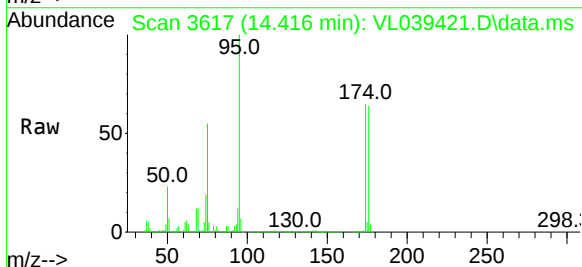
Tgt Ion: 105 Resp: 661538
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2

Manual Integrations
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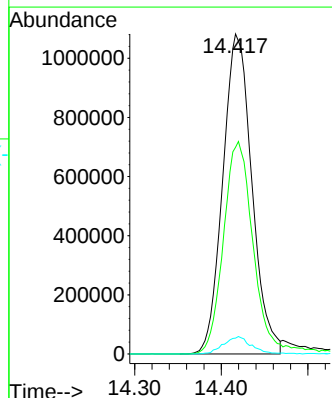
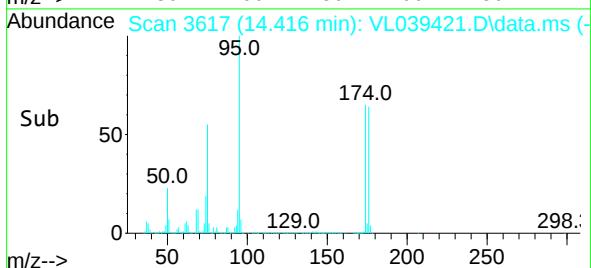
Reviewed By :Semsettin Yesilyurt 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

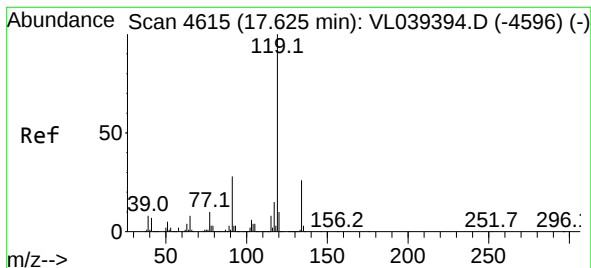


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.373 ppbv
 RT: 14.416 min Scan# 3617
 Delta R.T. 0.026 min
 Lab File: VL039421.D
 Acq: 5 Jul 2022 15:46



Tgt Ion: 95 Resp: 2521394
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.948 ppbv

RT: 17.654 min Scan# 40

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion:119 Resp: 5651020

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

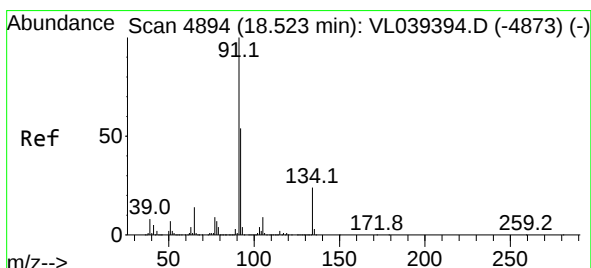
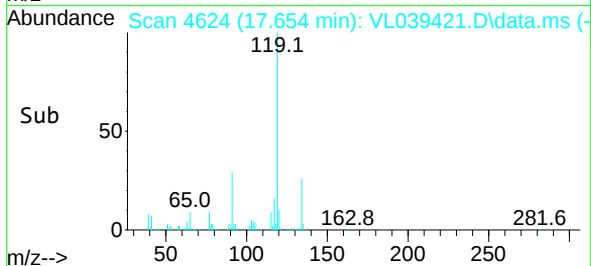
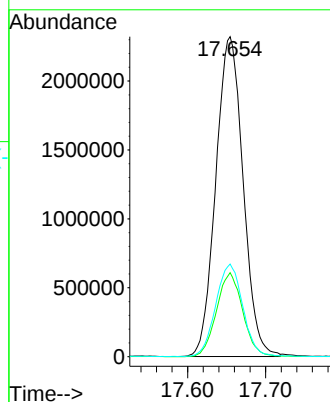
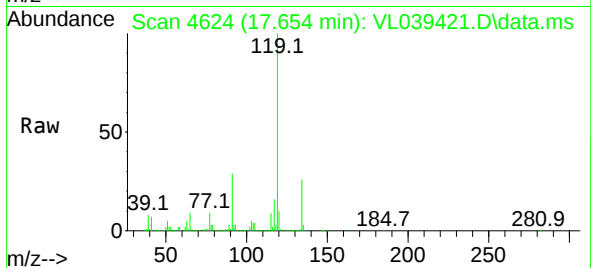
91 28.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#70

n-Butylbenzene

Concen: 10.061 ppbv

RT: 18.548 min Scan# 4902

Delta R.T. 0.026 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

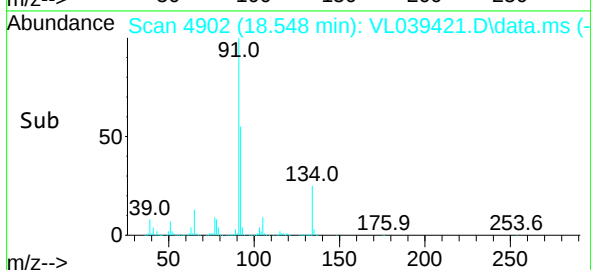
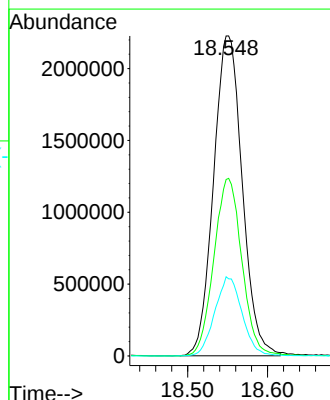
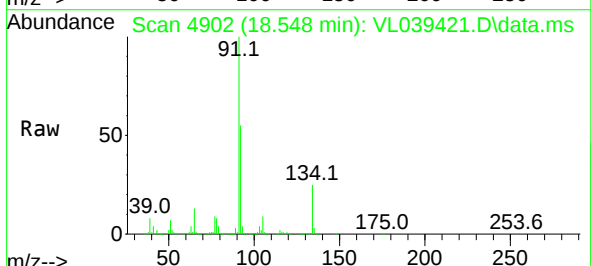
Tgt Ion: 91 Resp: 5546984

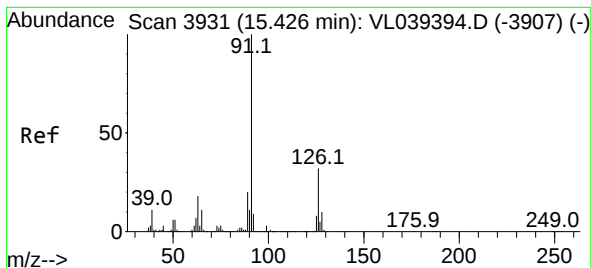
Ion Ratio Lower Upper

91 100

92 54.3 43.4 65.2

134 23.6 18.9 28.3





#71

2-Chlorotoluene

Concen: 10.056 ppbv

RT: 15.455 min Scan# 3931

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion: 91 Resp: 3871062

Ion Ratio Lower Upper

91 100

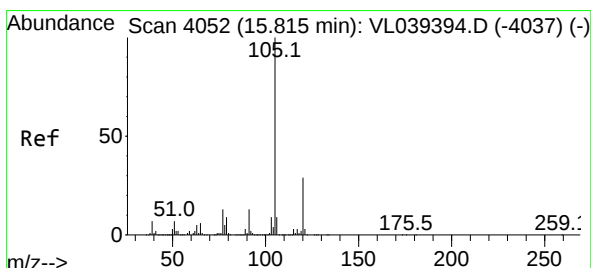
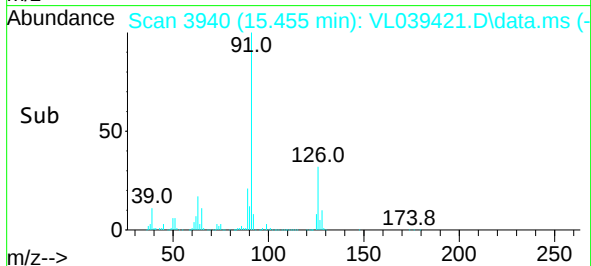
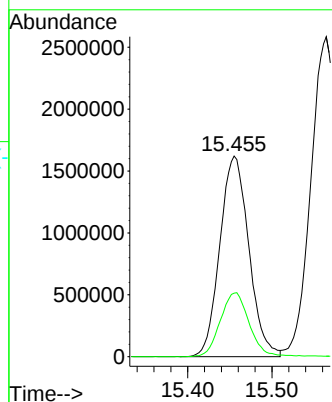
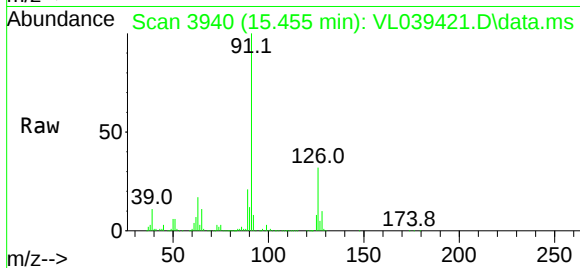
126 32.4 13.0 51.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#72

4-Ethyltoluene

Concen: 10.378 ppbv

RT: 15.841 min Scan# 4060

Delta R.T. 0.026 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Tgt Ion:105 Resp: 4309476

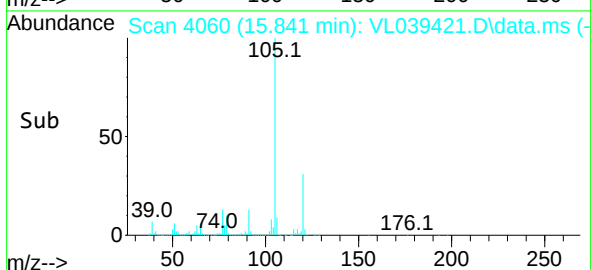
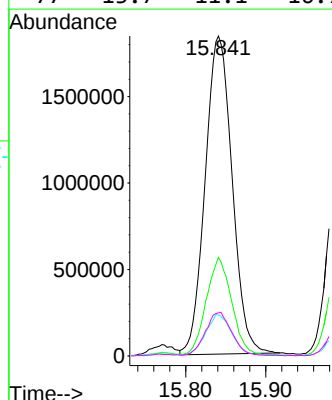
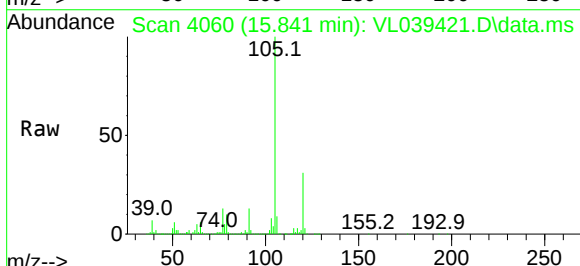
Ion Ratio Lower Upper

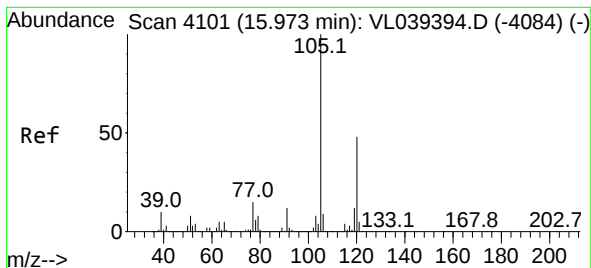
105 100

120 29.7 24.2 36.2

91 12.8 10.2 15.4

77 13.7 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.299 ppbv

RT: 16.002 min Scan# 4101

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion:105 Resp: 392809

Ion Ratio Lower Upper

105 100

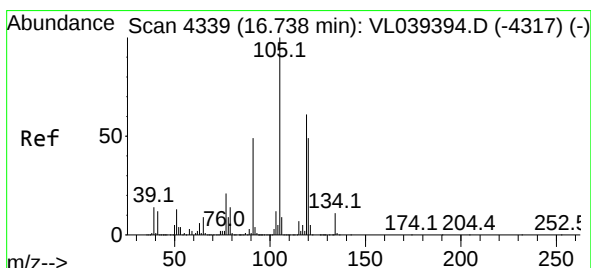
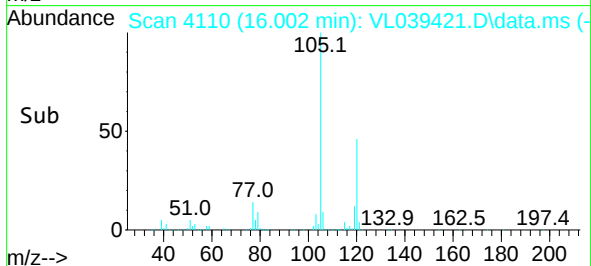
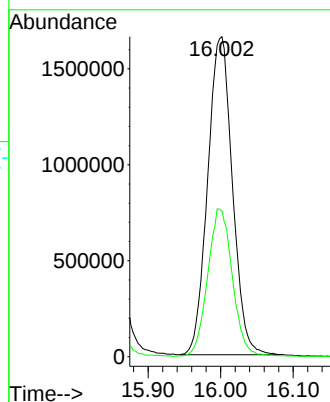
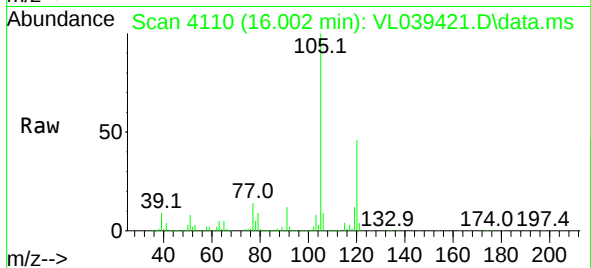
120 45.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.013 ppbv

RT: 16.764 min Scan# 4347

Delta R.T. 0.026 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Tgt Ion:105 Resp: 4224582

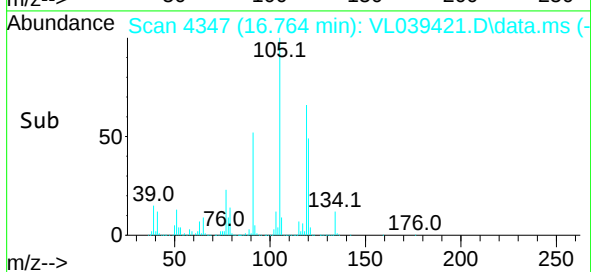
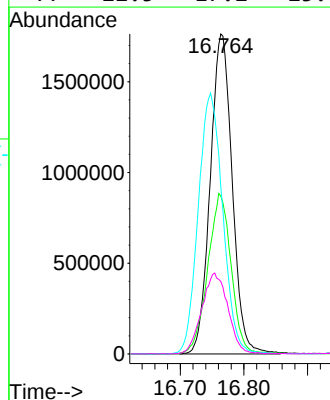
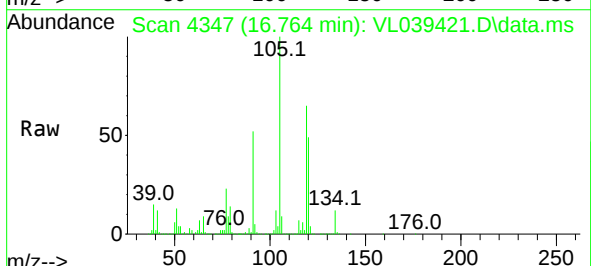
Ion Ratio Lower Upper

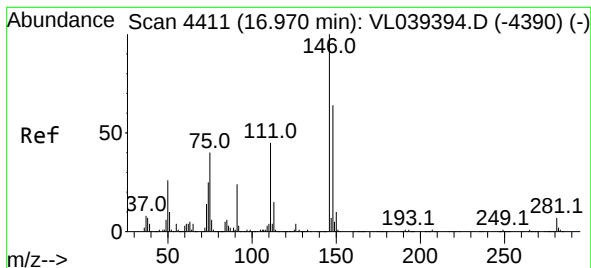
105 100

120 49.1 39.5 59.3

91 51.8 39.2 58.8

77 22.5 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.840 ppbv

RT: 16.998 min Scan# 4420

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion:146 Resp: 2476558

Ion Ratio Lower Upper

146 100

111 46.1 22.9 68.7

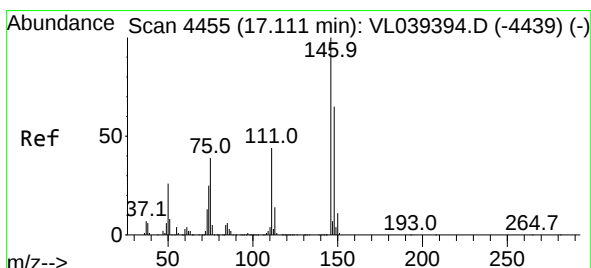
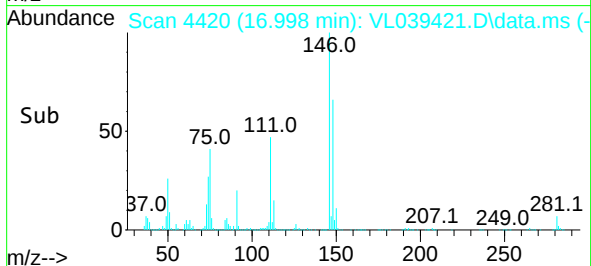
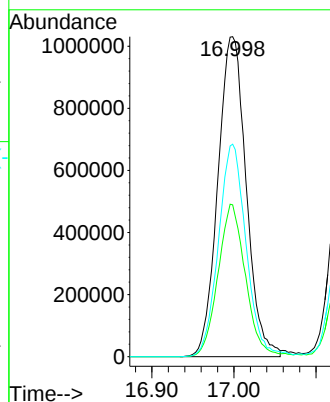
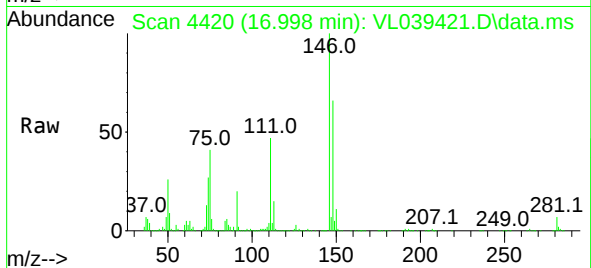
148 64.9 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#76

1,4-Dichlorobenzene

Concen: 9.653 ppbv

RT: 17.140 min Scan# 4464

Delta R.T. 0.029 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

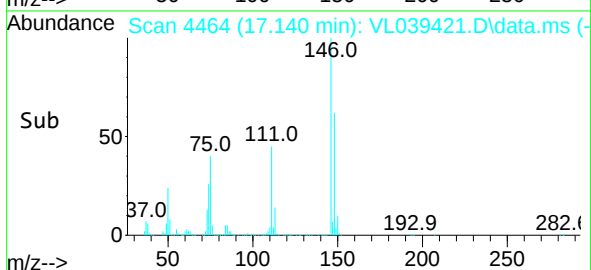
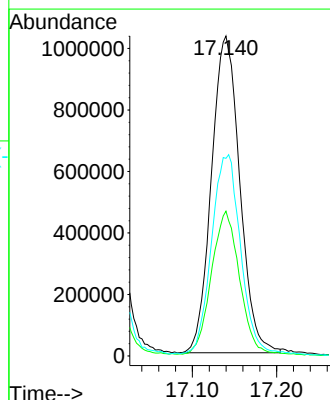
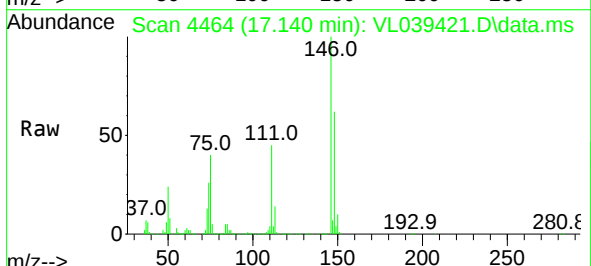
Tgt Ion:146 Resp: 2407918

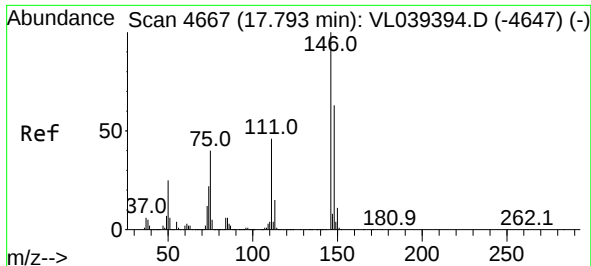
Ion Ratio Lower Upper

146 100

111 46.4 22.9 68.8

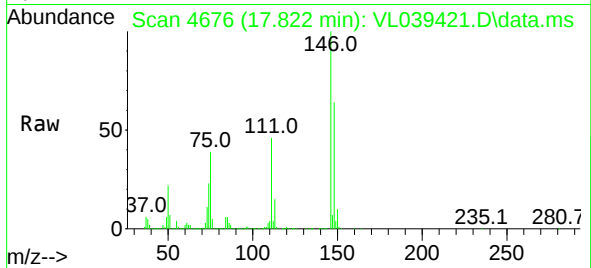
148 66.0 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 9.761 ppbv
RT: 17.822 min Scan# 40
Delta R.T. 0.029 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

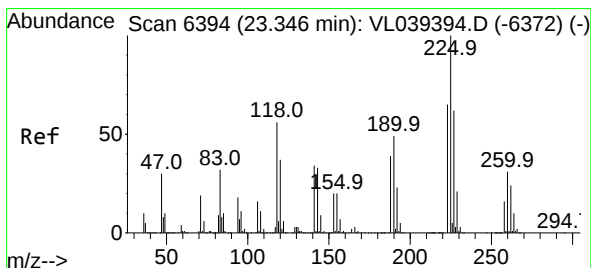
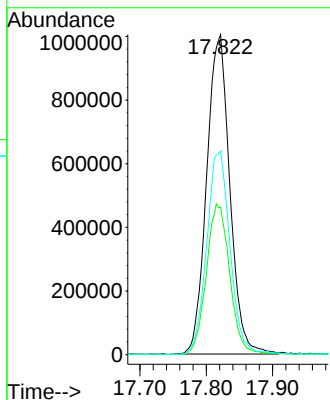
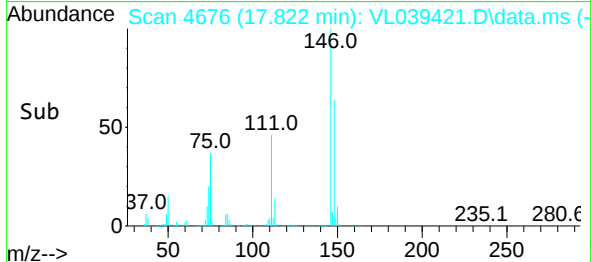
Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



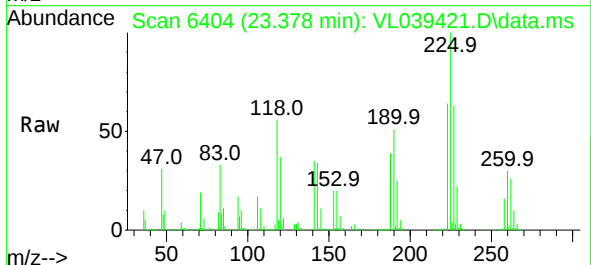
Tgt Ion:146 Resp: 2435078
Ion Ratio Lower Upper
146 100
111 48.0 23.8 71.5
148 64.5 32.3 96.8

Manual Integrations
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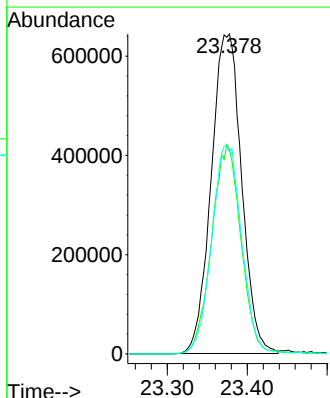
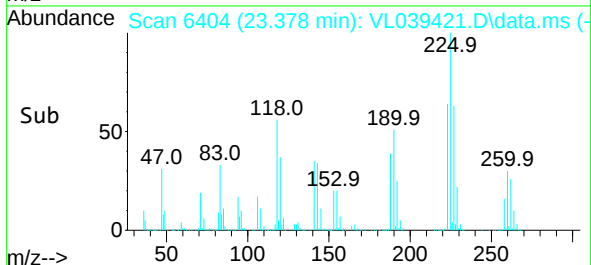
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

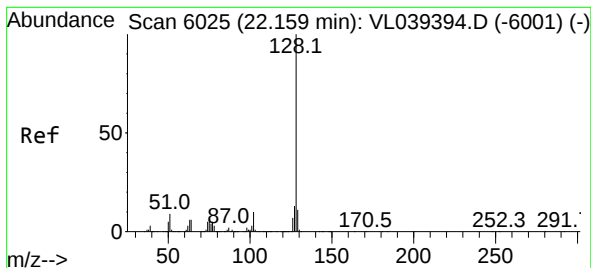


#78
Hexachloro-1,3-Butadiene
Concen: 8.473 ppbv
RT: 23.378 min Scan# 6404
Delta R.T. 0.032 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46



Tgt Ion:225 Resp: 1699955
Ion Ratio Lower Upper
225 100
223 63.3 51.8 77.6
227 64.8 51.4 77.2





#79

Naphthalene

Concen: 11.524 ppbv

RT: 22.194 min Scan# 6025

Delta R.T. 0.035 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

Instrument :

MSVOA_L

ClientSampleId :

VL0705ABS01

Tgt Ion:128 Resp: 334608

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

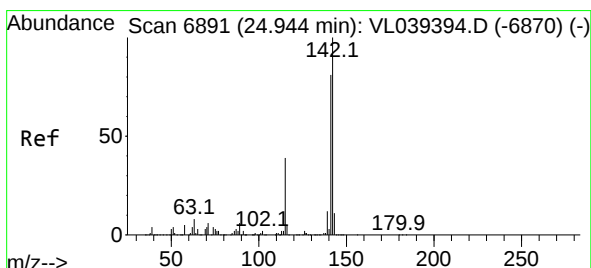
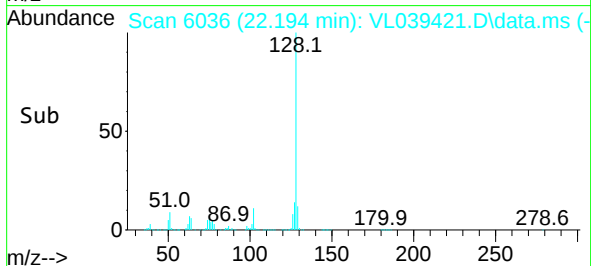
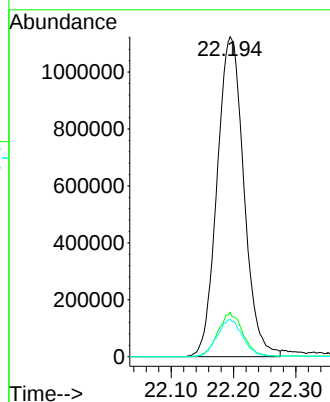
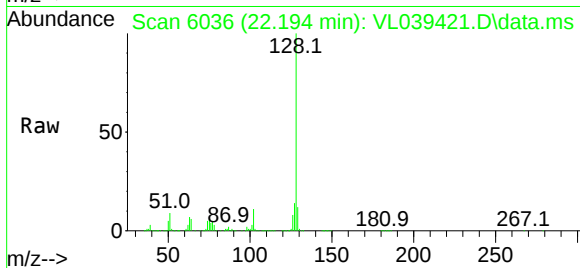
129 11.6 8.8 13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2022

Supervised By :Mahesh Dadoda 07/07/2022



#80

Naphthalene,2-methyl-

Concen: 11.178 ppbv

RT: 24.966 min Scan# 6898

Delta R.T. 0.022 min

Lab File: VL039421.D

Acq: 5 Jul 2022 15:46

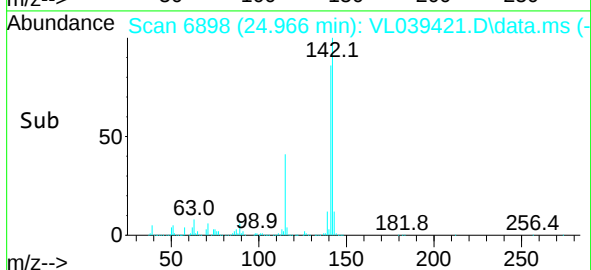
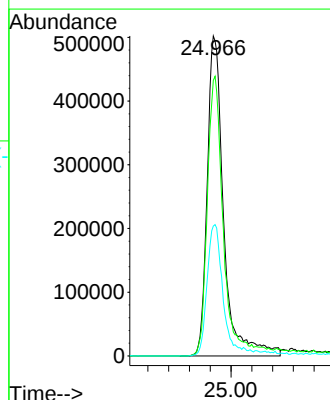
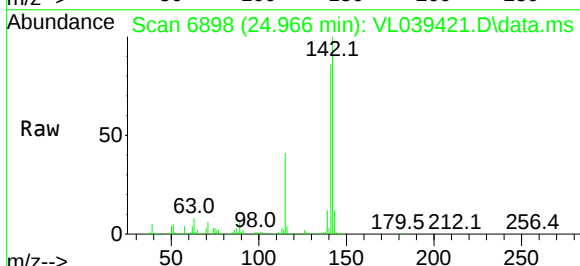
Tgt Ion:142 Resp: 1104648

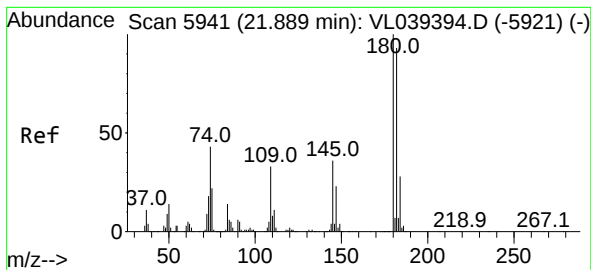
Ion Ratio Lower Upper

142 100

141 88.2 68.9 103.3

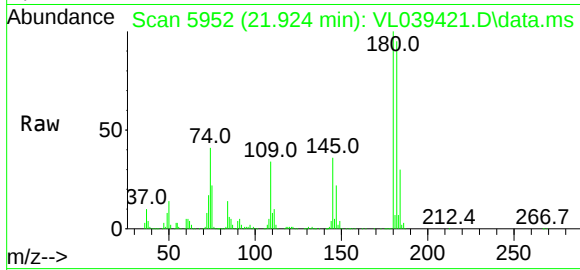
115 42.0 30.0 45.0





#81
1,2,4-Trichlorobenzene
Concen: 10.181 ppbv
RT: 21.924 min Scan# 5952
Delta R.T. 0.035 min
Lab File: VL039421.D
Acq: 5 Jul 2022 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL0705ABS01



Tgt Ion:180 Resp: 1925340
Ion Ratio Lower Upper
180 100
182 97.0 77.1 115.7
184 30.3 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

