

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081722\
 Data File : VL039542.D
 Acq On : 17 Aug 2022 7:32
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/18/2022
 Supervised By : Mahesh Dadoda 08/19/2022

Quant Time: Aug 17 08:02:33 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.204	49	1120133	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2943763	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2972793	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.779 95 2245146 10.171 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	1551672	9.822	ppbv	98
3) Chlorodifluoromethane	2.696	51	1733573	12.317	ppbv	100
4) Chloromethane	2.834	50	1038403	13.261	ppbv	92
5) Vinyl Chloride	2.941	62	919349	12.054	ppbv	96
6) Bromomethane	3.140	94	356860	11.403	ppbv	89
7) Chloroethane	3.217	64	343419	12.751	ppbv	100
8) Dichlorotetrafluoroethane	2.876	85	1931447	11.104	ppbv	100
9) Propene	2.715	41	814453	12.778	ppbv	99
10) Heptane	7.587	43	2079127	13.979	ppbv	100
11) Trichlorofluoromethane	3.584	101	2160680	12.201	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.082	101	1621211	12.359	ppbv	98
13) Ethanol	3.259	45	47322	12.758	ppbv	90
14) Bromoethene	3.387	108	697381	12.589	ppbv	99
15) Acetone	3.487	43	1631757	12.508	ppbv	99
16) 1,3-Butadiene	3.005	39	904807	13.289	ppbv	99
17) tert-Butyl alcohol	3.895	59	1357435	12.383	ppbv	100
18) 1,1-Dichloroethene	3.899	96	740017	12.445	ppbv	98
19) Isopropyl Alcohol	3.593	45	793459	11.489	ppbv #	100
20) Methylene Chloride	3.950	84	596865	11.492	ppbv	94
21) Allyl Chloride	4.014	41	1189214	13.145	ppbv	98
22) trans-1,2-Dichloroethene	4.461	96	758563	13.251	ppbv	97
23) Vinyl Acetate	4.641	43	852787	10.267	ppbv	97
24) 1,1-Dichloroethane	4.580	63	1526239	12.391	ppbv	99
25) Ethyl Acetate	5.220	43	3667682	13.608	ppbv	99
26) Hexane	5.227	57	1507278	14.020	ppbv	98
27) Carbon Disulfide	4.140	76	1889674	14.580	ppbv	97
28) Methyl tert-Butyl Ether	4.603	73	1276495	11.239	ppbv	99
29) Chloroform	5.288	83	2327984	12.473	ppbv	95
30) Cyclohexane	6.612	84	1290295	13.174	ppbv #	100
31) cis-1,2-Dichloroethene	5.095	61	1526609	13.377	ppbv	98
32) 1,1,1-Trichloroethane	6.014	97	2246203	12.182	ppbv	99
34) 2-Butanone	4.802	43	1970314	13.467	ppbv	99
35) Carbon Tetrachloride	6.503	117	2408524	13.432	ppbv	100
36) Benzene	6.381	78	3206399	14.143	ppbv	98
37) 1,2-Dichloroethane	5.818	62	1735504	13.101	ppbv	100
38) Trichloroethene	7.300	130	1747721	14.137	ppbv	98
39) 1,2-Dichloropropane	7.082	63	1235676	14.603	ppbv	99
40) 1,4-Dioxane	7.297	88	433746	12.950	ppbv	85
41) Tetrahydrofuran	5.571	42	1335828	15.617	ppbv	98
42) Bromodichloromethane	7.259	83	2549345	14.255	ppbv	97
43) Methyl Methacrylate	7.484	69	1289739	15.042	ppbv	99
44) 2,2,4-Trimethylpentane	7.336	57	5318344	13.856	ppbv	99
45) t-1,3-Dichloropropene	8.715	75	1321231	17.663	ppbv	98

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Manual Integrations
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Quant Time: Aug 17 08:02:33 2022

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

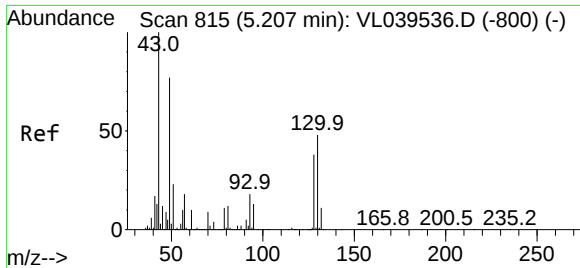
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 2022

QLast Update : Wed Aug 17 04:35:27 2022

Response via : Initial Calibration

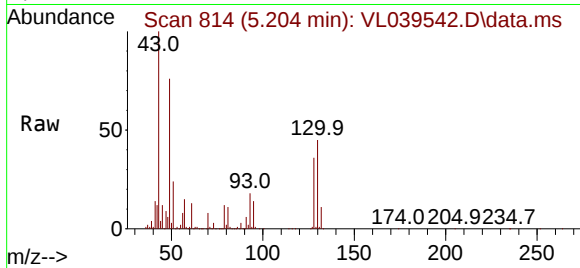
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.149	75	1734491	16.605	ppbv	99
47) 1,1,2-Trichloroethane	8.902	97	1341192	14.134	ppbv	98
48) Dibromochloromethane	9.715	129	2283993	15.249	ppbv	99
49) Bromoform	12.410	173	1971470	16.289	ppbv #	100
50) 4-Methyl-2-Pentanone	8.191	43	3453379	15.414	ppbv	100
51) 2-Hexanone	9.558	43	2724498	16.131	ppbv #	98
52) Tetrachloroethene	10.619	164	1237945	13.612	ppbv	97
53) Toluene	9.226	91	3842801	14.752	ppbv	100
54) 1,2-Dibromoethane	10.014	107	1668999	14.341	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.512	131	1613758	12.545	ppbv #	93
57) Chlorobenzene	11.532	112	2885683	12.739	ppbv	98
58) Ethyl Benzene	12.094	91	5040318	13.416	ppbv	97
59) m/p-Xylene	12.377	91	8452071m	25.561	ppbv	
60) o-Xylene	13.062	91	4110860	13.102	ppbv	99
61) Styrene	12.902	104	2564557	15.110	ppbv	100
62) Isopropylbenzene	14.033	105	5956812	12.482	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.049	83	1700391	10.402	ppbv	100
64) n-propylbenzene	14.921	120	1578488	13.092	ppbv	96
65) tert-Butylbenzene	16.094	119	5277486	12.021	ppbv	100
66) Benzyl Chloride	16.332	91	608020	15.283	ppbv #	91
67) sec-Butylbenzene	16.641	105	7365936	12.415	ppbv	99
69) p-Isopropyltoluene	17.001	119	6191002	12.349	ppbv	99
70) n-Butylbenzene	17.892	91	6291955	12.897	ppbv	99
71) 2-Chlorotoluene	14.805	91	4471406	13.071	ppbv	100
72) 4-Ethyltoluene	15.194	105	4897671	13.244	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.358	105	4393414	12.991	ppbv	96
74) 1,2,4-Trimethylbenzene	16.114	105	4633170	12.427	ppbv	94
75) 1,3-Dichlorobenzene	16.332	146	2872435	12.918	ppbv	100
76) 1,4-Dichlorobenzene	16.477	146	2818197	12.637	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	2775142	12.619	ppbv	99
78) Hexachloro-1,3-Butadiene	22.634	225	2036567	11.430	ppbv #	100
79) Naphthalene	21.383	128	4288305	16.567	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	1932634	20.887	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.142	180	2378885	14.164	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.204 min Scan# 815
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

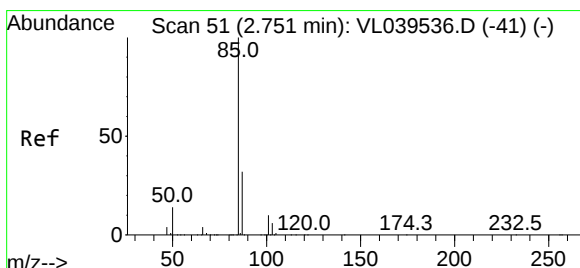
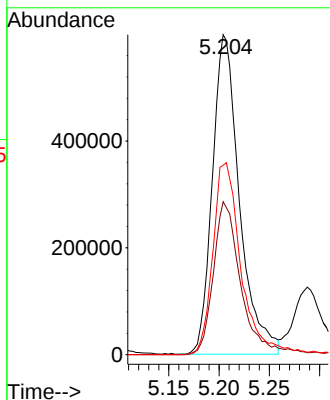
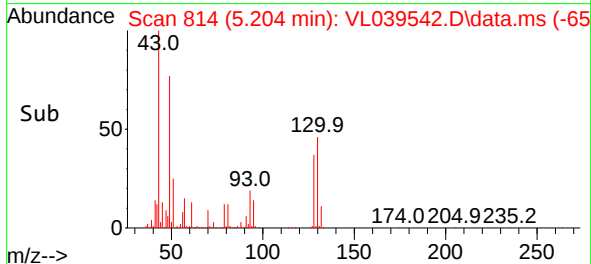
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 49 Resp: 112013
Ion Ratio Lower Upper
49 100
128 49.6 25.7 77.0
130 64.1 31.6 95.0

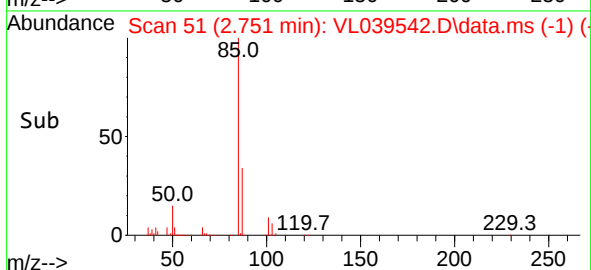
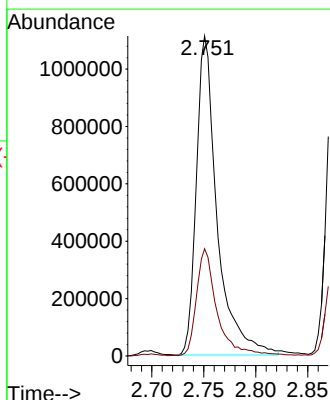
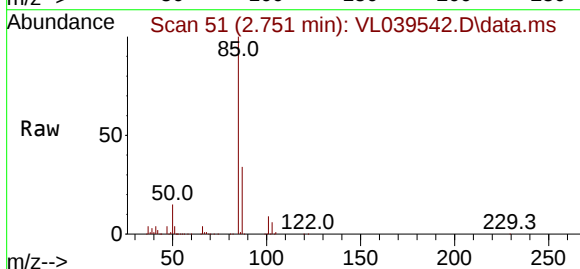
Manual Integrations
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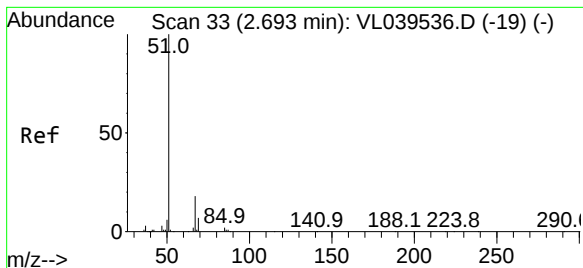
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#2
Dichlorodifluoromethane
Concen: 9.822 ppbv
RT: 2.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

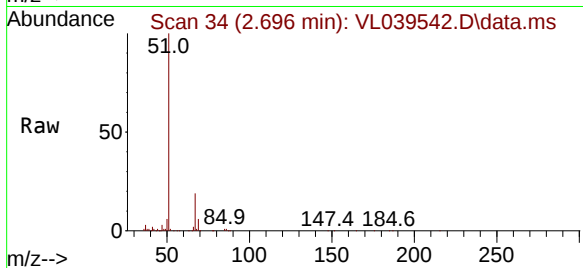
Tgt Ion: 85 Resp: 1551672
Ion Ratio Lower Upper
85 100
87 33.5 25.9 38.9





#3
Chlorodifluoromethane
Concen: 12.317 ppbv
RT: 2.696 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

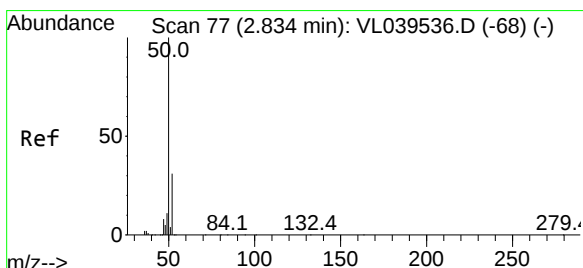
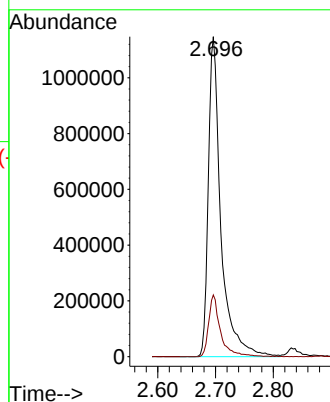
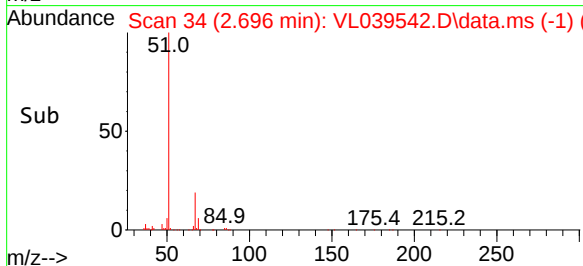
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



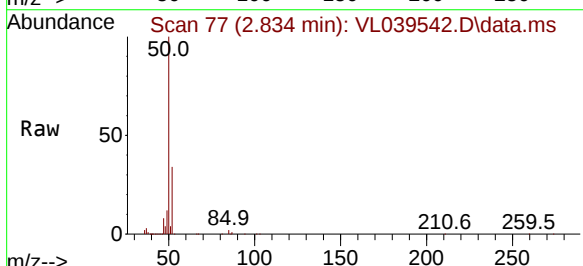
Tgt Ion: 51 Resp: 173357
Ion Ratio Lower Upper
51 100
67 18.4 14.7 22.1

Manual Integrations
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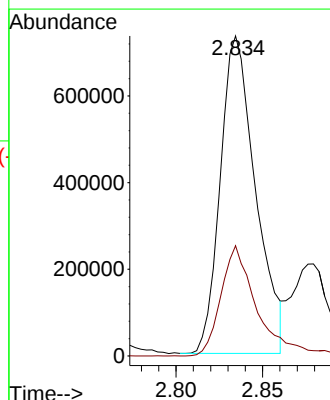
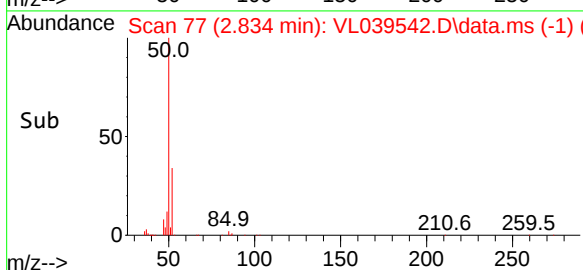
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

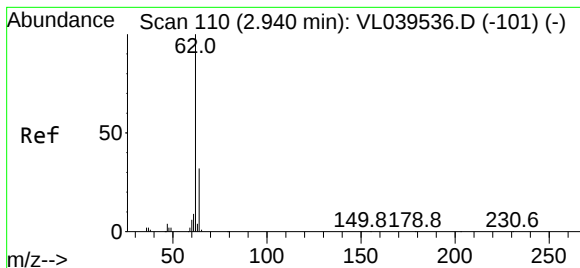


#4
Chloromethane
Concen: 13.261 ppbv
RT: 2.834 min Scan# 77
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



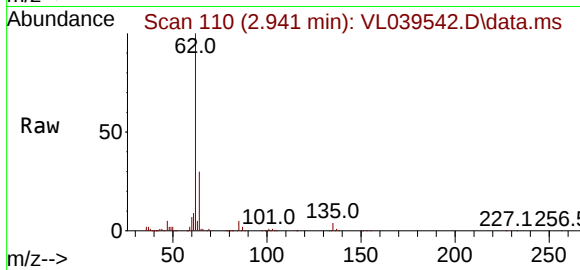
Tgt Ion: 50 Resp: 1038403
Ion Ratio Lower Upper
50 100
52 34.7 24.3 36.5





#5
 Vinyl Chloride
 Concen: 12.054 ppbv
 RT: 2.941 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

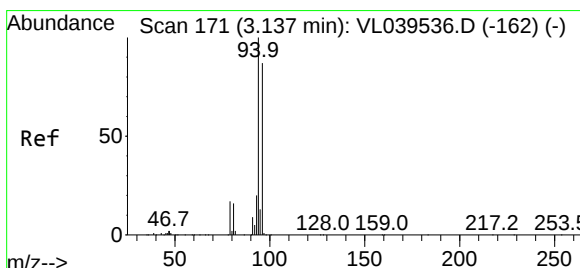
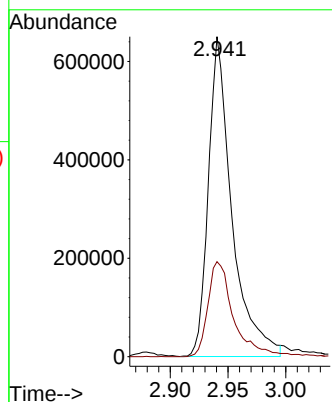
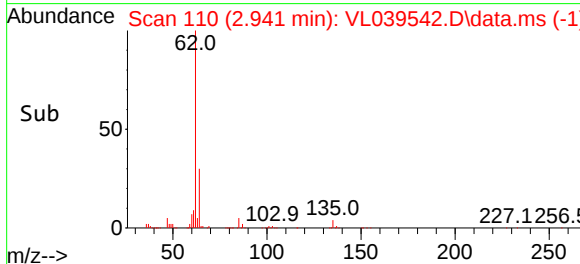
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 62 Resp: 919349
 Ion Ratio Lower Upper
 62 100
 64 29.7 25.5 38.3

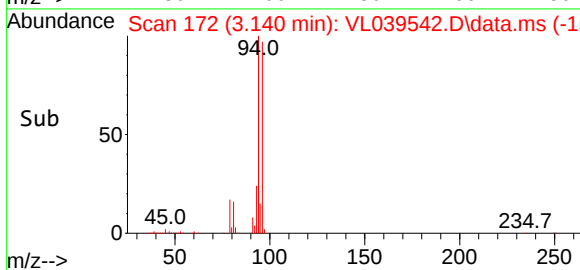
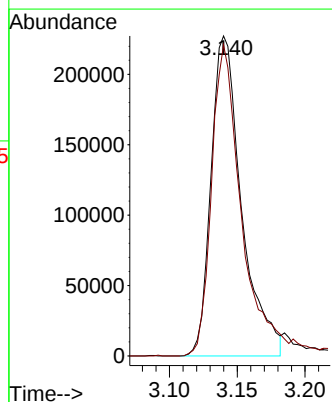
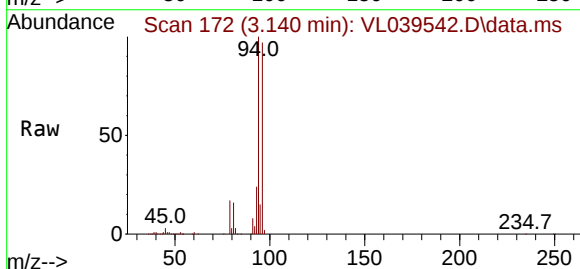
Manual Integrations
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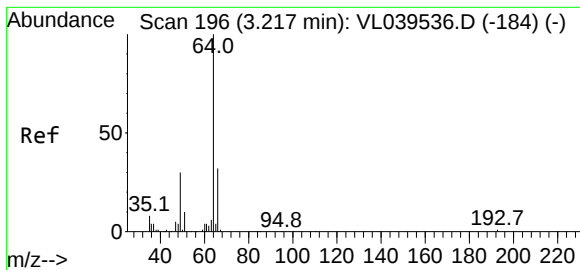
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#6
 Bromomethane
 Concen: 11.403 ppbv
 RT: 3.140 min Scan# 172
 Delta R.T. 0.003 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

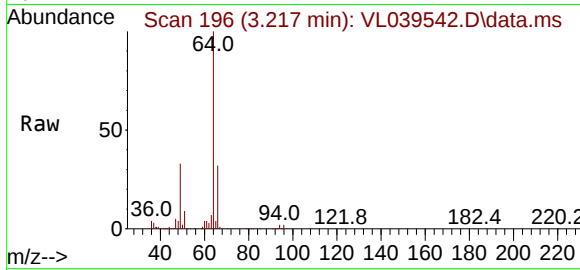
Tgt Ion: 94 Resp: 356860
 Ion Ratio Lower Upper
 94 100
 96 97.3 69.8 104.6





#7
Chloroethane
Concen: 12.751 ppbv
RT: 3.217 min Scan# 196
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

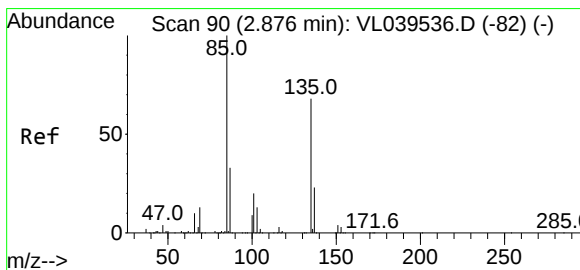
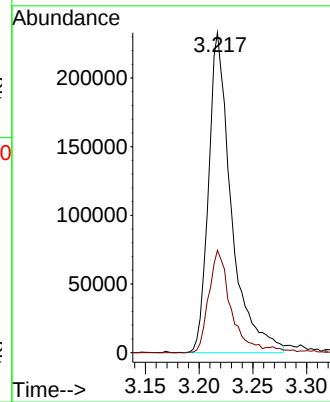
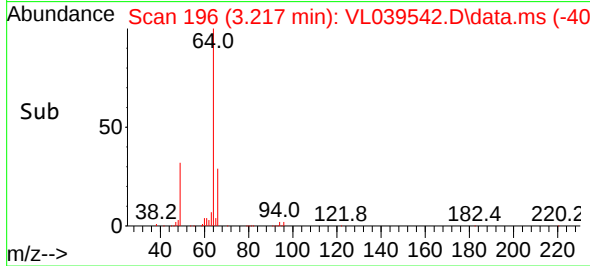
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



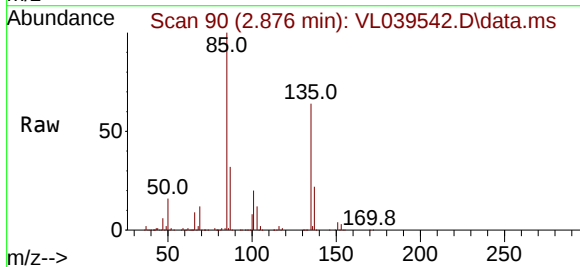
Tgt Ion: 64 Resp: 343419
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

Manual Integrations
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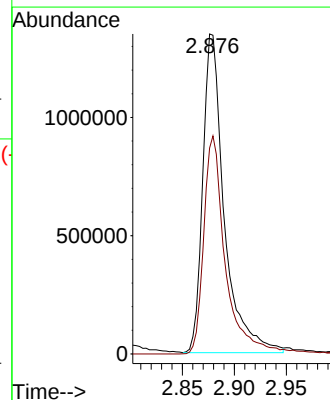
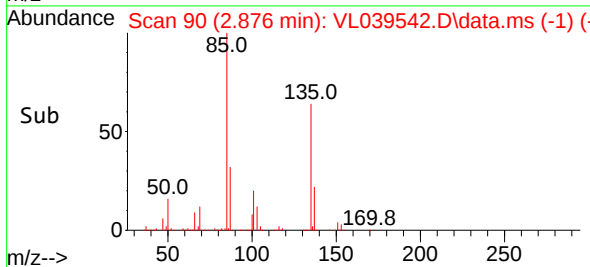
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#8
Dichlorotetrafluoroethane
Concen: 11.104 ppbv
RT: 2.876 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



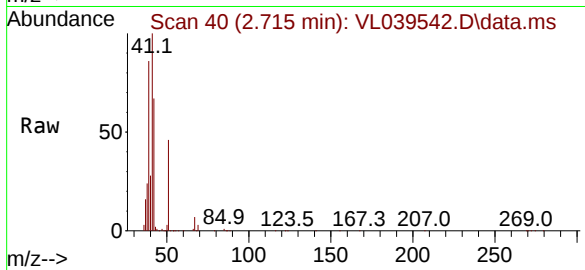
Tgt Ion: 85 Resp: 1931447
Ion Ratio Lower Upper
85 100
135 70.3 56.3 84.5





#9
Propene
Concen: 12.778 ppbv
RT: 2.715 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

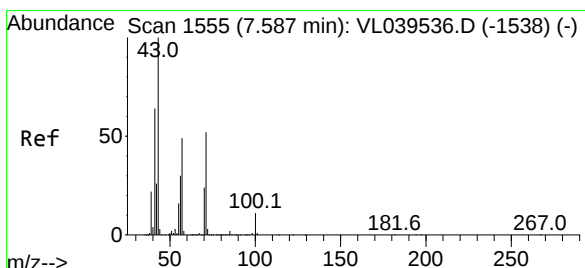
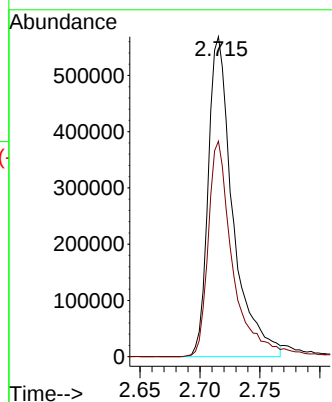
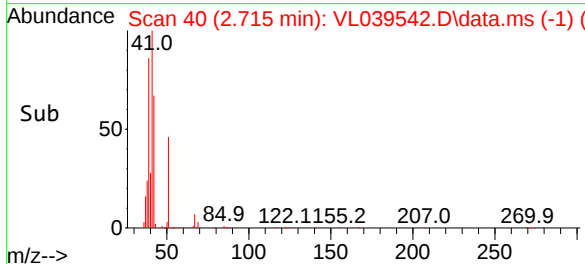
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 41 Resp: 81445
Ion Ratio Lower Upper
41 100
42 68.5 55.4 83.0

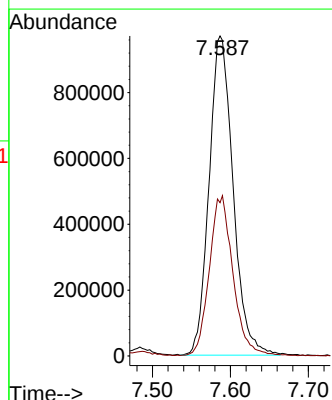
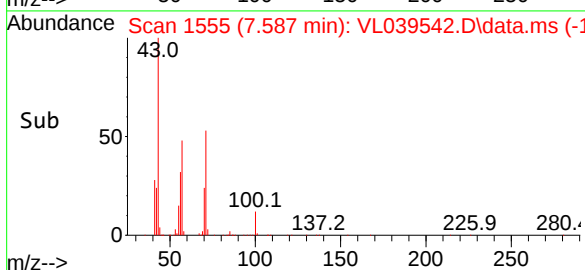
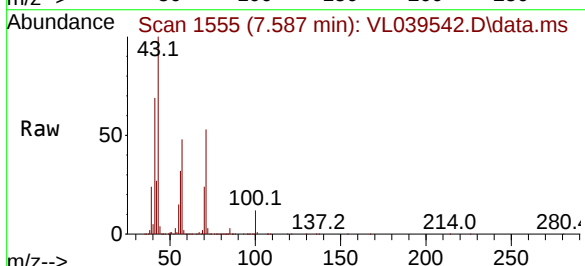
Manual Integrations
APPROVED

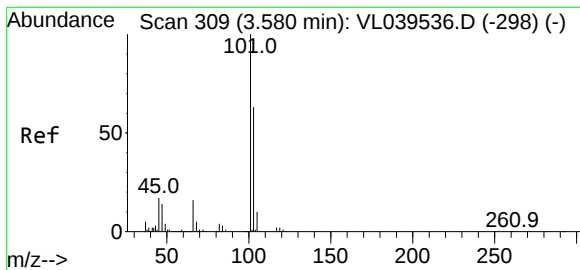
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#10
Heptane
Concen: 13.979 ppbv
RT: 7.587 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

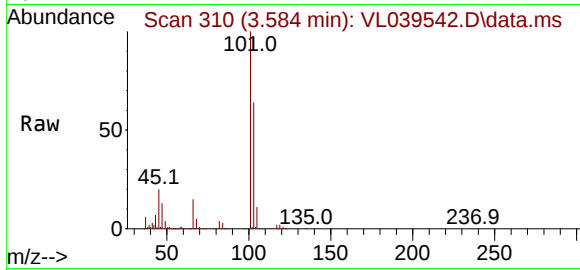
Tgt Ion: 43 Resp: 2079127
Ion Ratio Lower Upper
43 100
57 49.8 39.8 59.6





#11
Trichlorofluoromethane
Concen: 12.201 ppbv
RT: 3.584 min Scan# 310
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

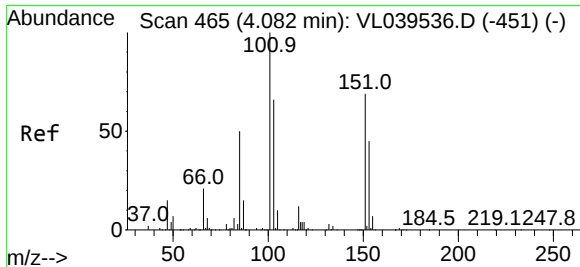
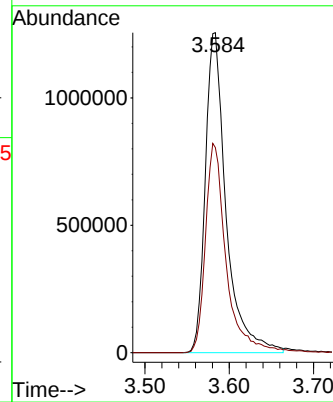
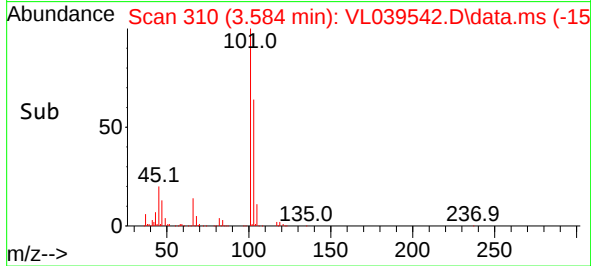
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:101 Resp: 2160680
Ion Ratio Lower Upper
101 100
103 64.1 50.6 76.0

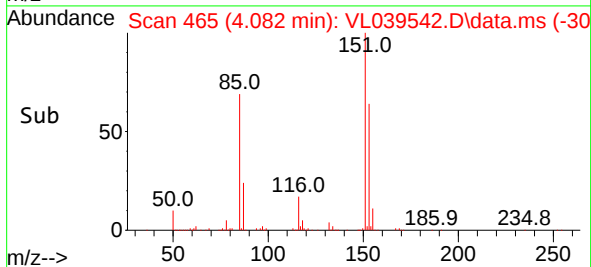
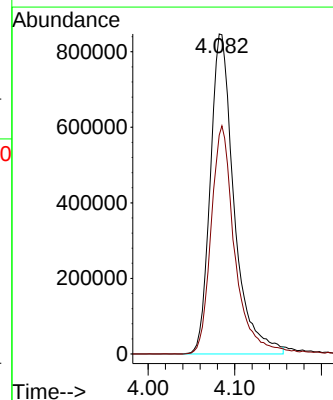
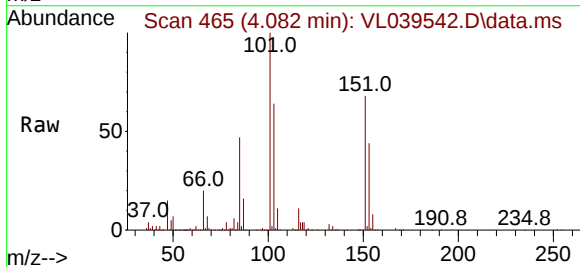
Manual Integrations
APPROVED

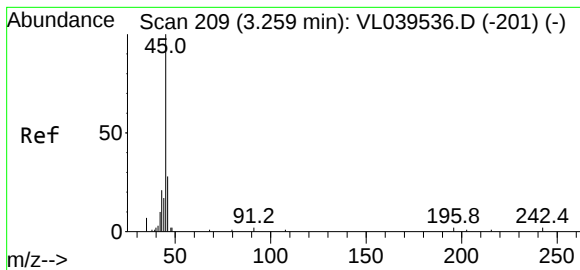
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.359 ppbv
RT: 4.082 min Scan# 465
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

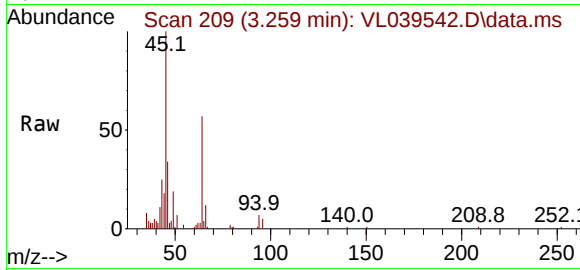
Tgt Ion:101 Resp: 1621211
Ion Ratio Lower Upper
101 100
151 71.7 58.6 87.8





#13
Ethanol
Concen: 12.758 ppbv
RT: 3.259 min Scan# 209
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

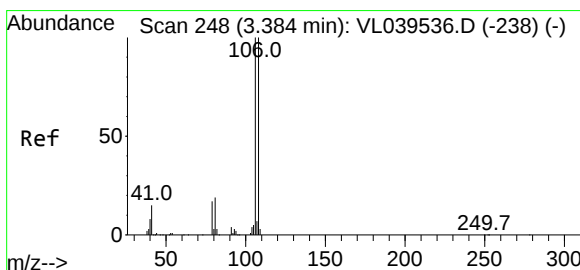
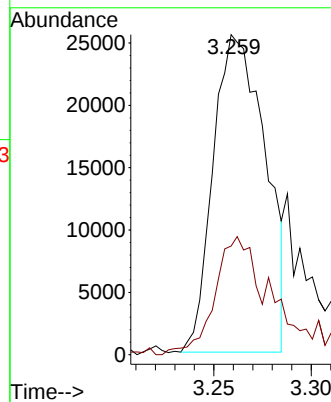
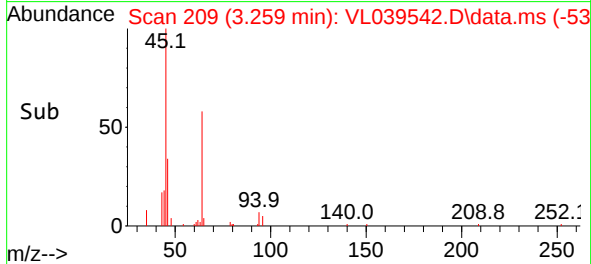
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



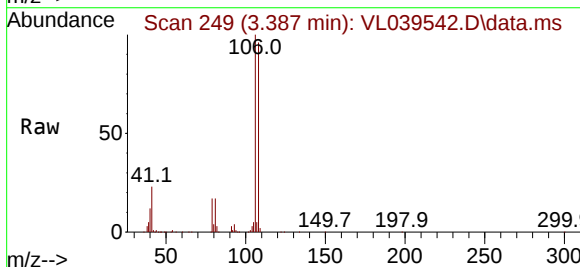
Tgt Ion: 45 Resp: 4732
Ion Ratio Lower Upper
45 100
46 41.5 19.3 77.1

Manual Integrations
APPROVED

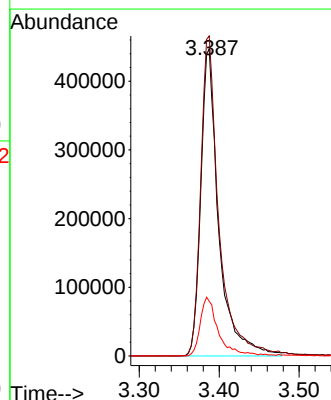
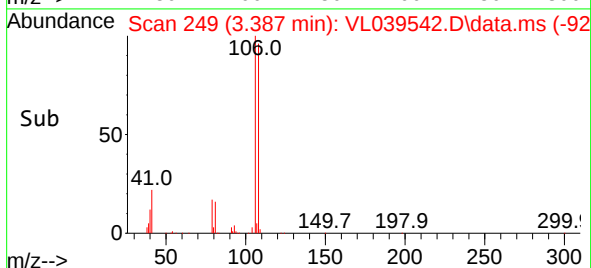
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

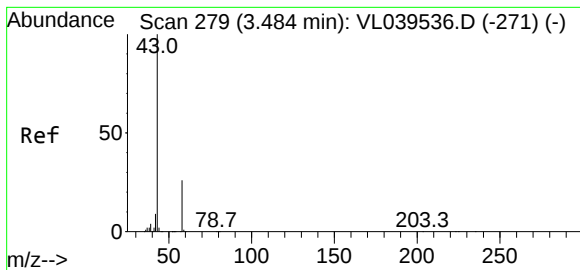


#14
Bromoethene
Concen: 12.589 ppbv
RT: 3.387 min Scan# 249
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



Tgt Ion:108 Resp: 697381
Ion Ratio Lower Upper
108 100
106 107.3 86.6 130.0
79 19.5 15.1 22.7





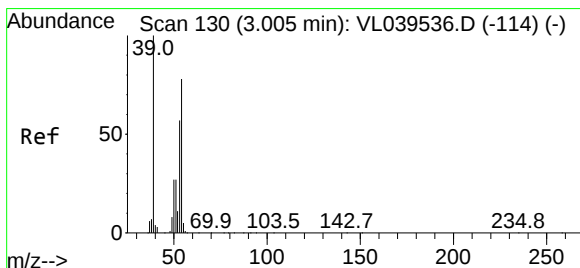
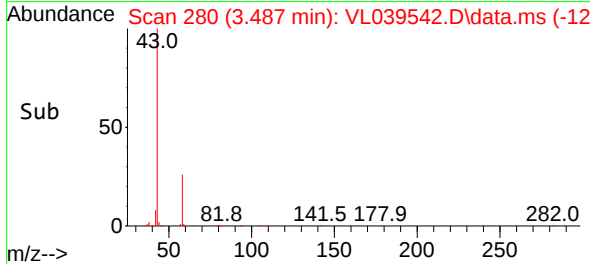
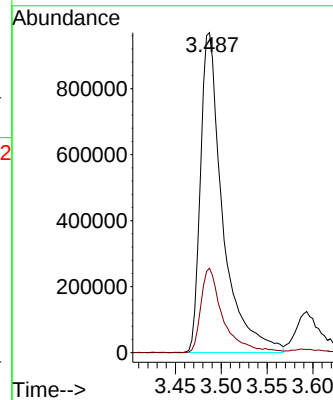
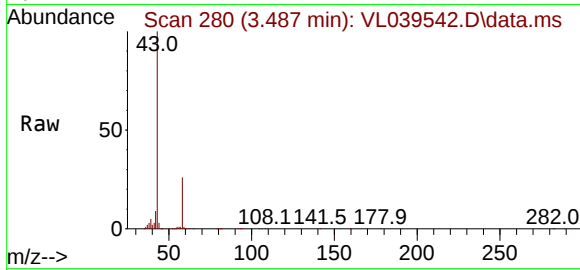
#15
Acetone
Concen: 12.508 ppbv
RT: 3.487 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 163175
Ion Ratio Lower Upper
43 100
58 26.4 20.7 31.1

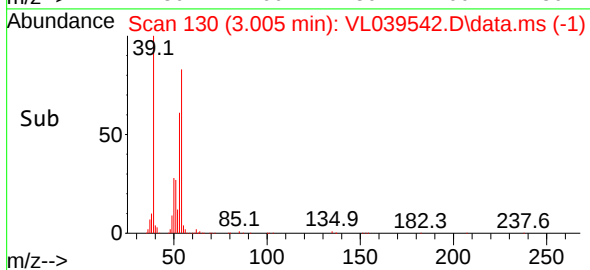
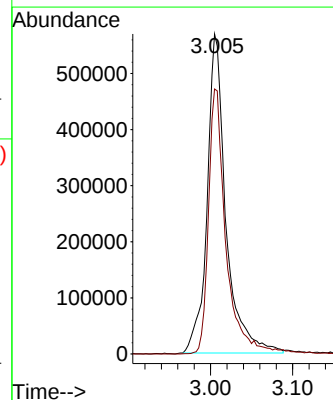
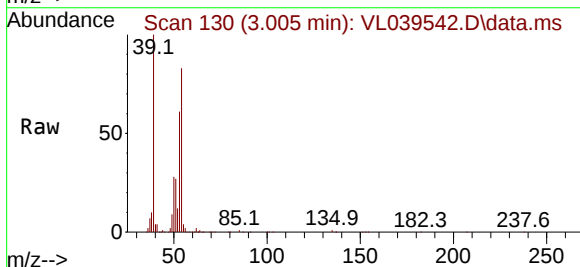
Manual Integrations
APPROVED

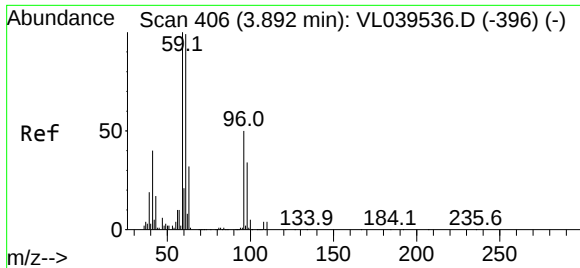
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#16
1,3-Butadiene
Concen: 13.289 ppbv
RT: 3.005 min Scan# 130
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Tgt Ion: 39 Resp: 904807
Ion Ratio Lower Upper
39 100
54 78.0 61.8 92.8





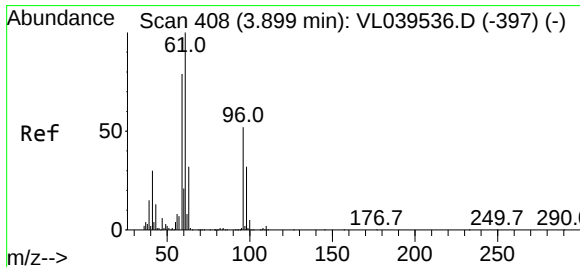
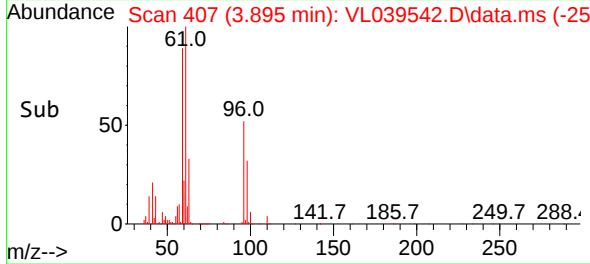
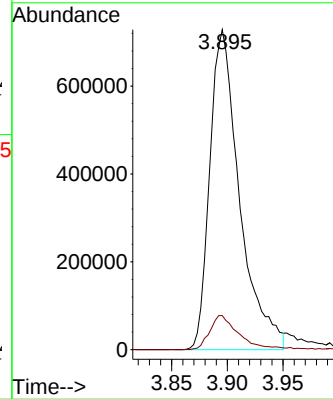
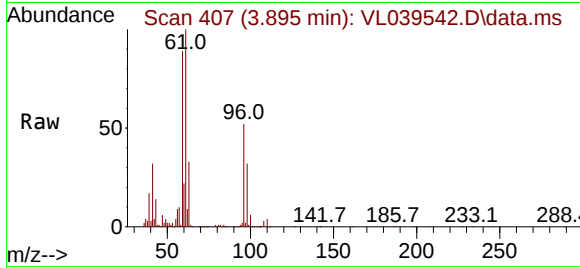
#17
tert-Butyl alcohol
Concen: 12.383 ppbv
RT: 3.895 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 59 Resp: 135743
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

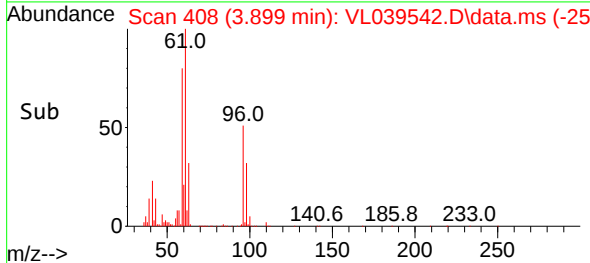
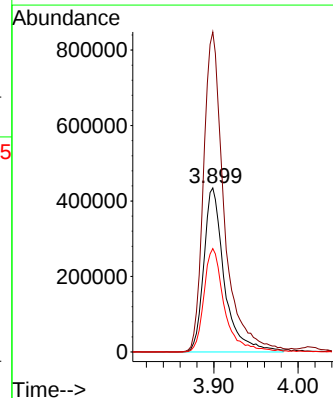
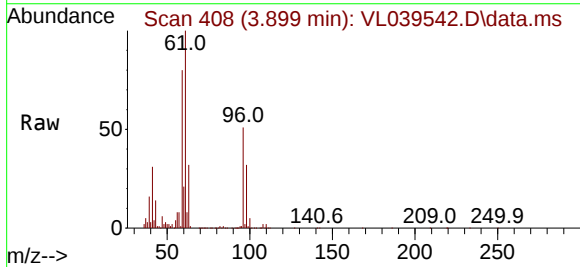
Manual Integrations
APPROVED

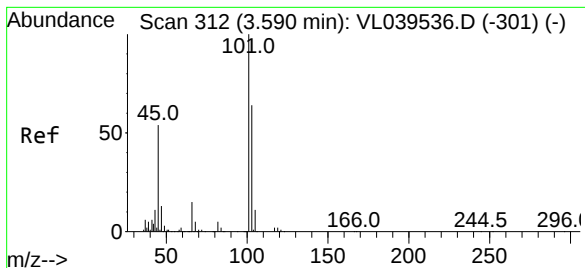
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#18
1,1-Dichloroethene
Concen: 12.445 ppbv
RT: 3.899 min Scan# 408
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Tgt Ion: 96 Resp: 740017
Ion Ratio Lower Upper
96 100
61 194.8 153.8 230.6
98 62.9 48.6 73.0





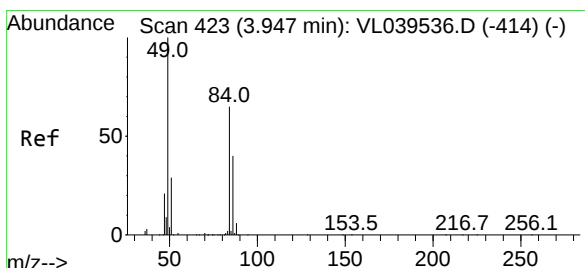
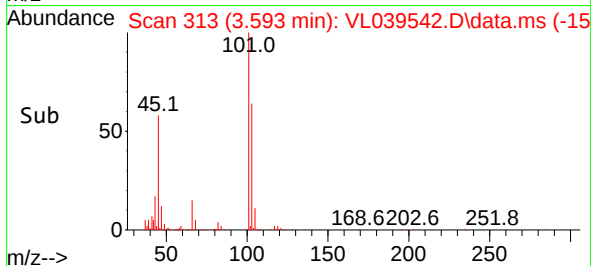
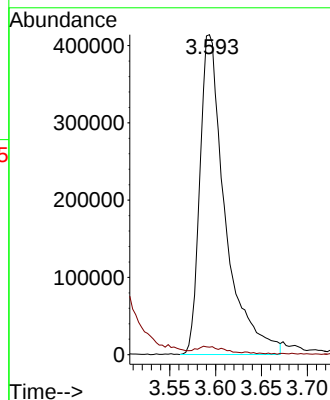
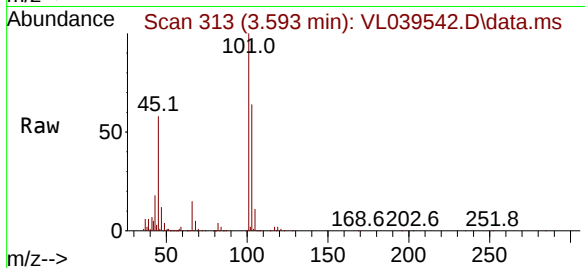
#19
Isopropyl Alcohol
Concen: 11.489 ppbv
RT: 3.593 min Scan# 312
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 793459
Ion Ratio Lower Upper
45 100
58 3.6 0.0 0.0

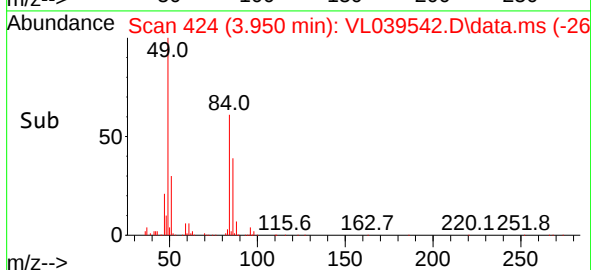
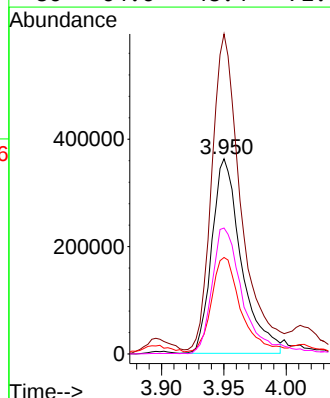
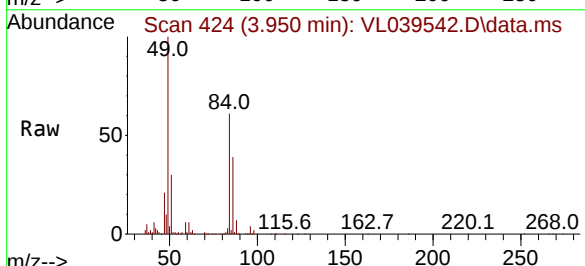
Manual Integrations
APPROVED

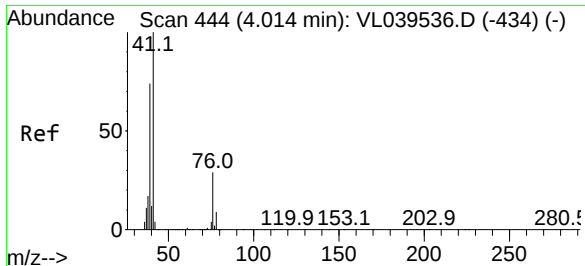
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#20
Methylene Chloride
Concen: 11.492 ppbv
RT: 3.950 min Scan# 424
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

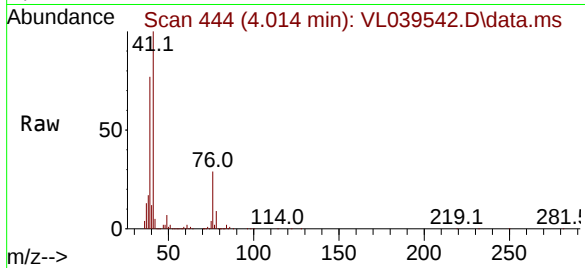
Tgt Ion: 84 Resp: 596865
Ion Ratio Lower Upper
84 100
49 162.0 122.2 183.4
51 47.5 35.8 53.6
86 64.6 48.4 72.6





#21
 Allyl Chloride
 Concen: 13.145 ppbv
 RT: 4.014 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

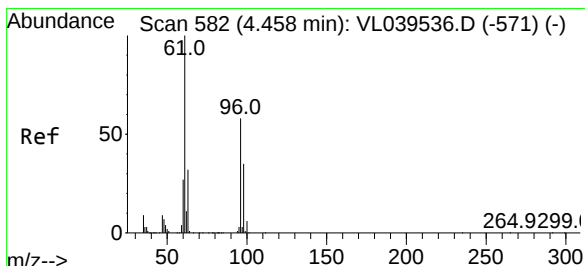
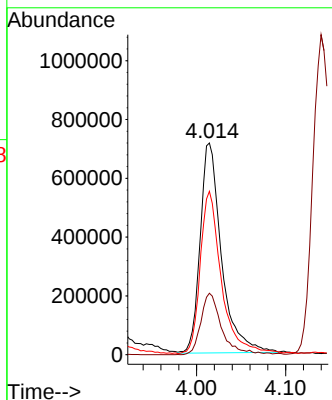
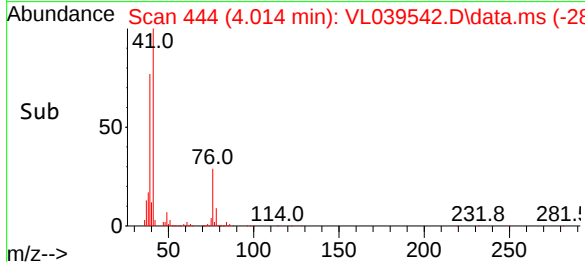
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



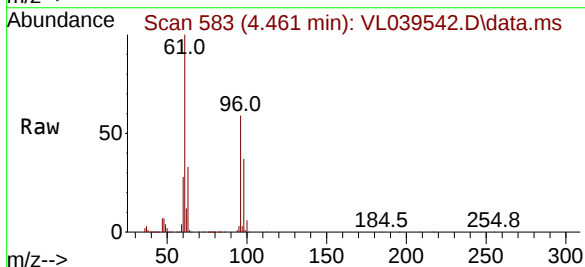
Tgt Ion: 41 Resp: 1189214
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.1 34.7
 39 76.5 63.4 95.2

Manual Integrations
 APPROVED

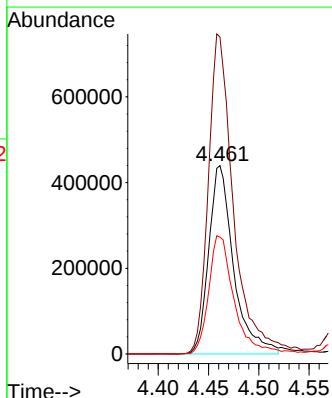
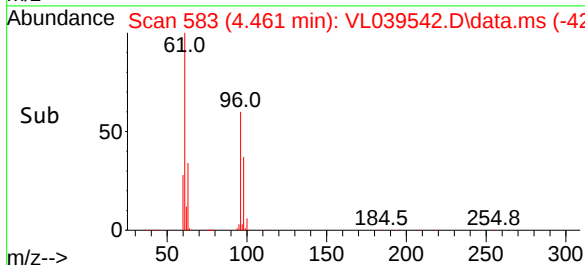
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

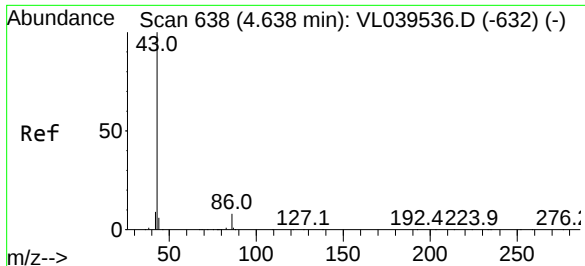


#22
 trans-1,2-Dichloroethene
 Concen: 13.251 ppbv
 RT: 4.461 min Scan# 583
 Delta R.T. 0.003 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32



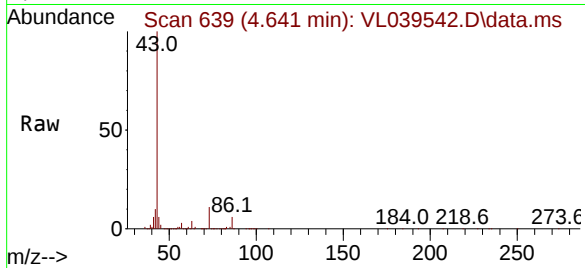
Tgt Ion: 96 Resp: 758563
 Ion Ratio Lower Upper
 96 100
 61 168.3 138.1 207.1
 98 62.0 48.8 73.2





#23
 Vinyl Acetate
 Concen: 10.267 ppbv
 RT: 4.641 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

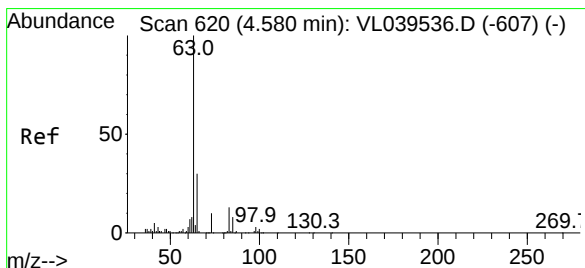
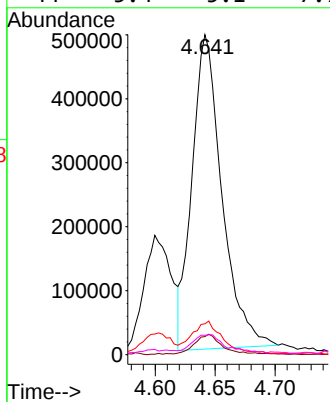
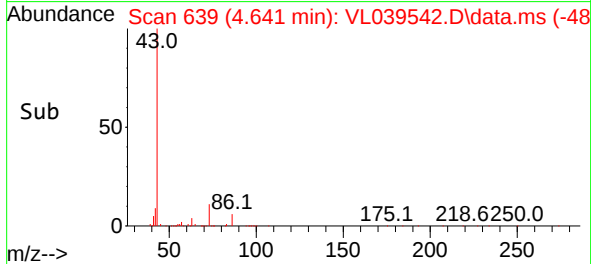
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015



Tgt Ion: 43 Resp: 85278
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.3 7.9
 42 9.5 8.7 13.1
 44 5.4 5.1 7.7

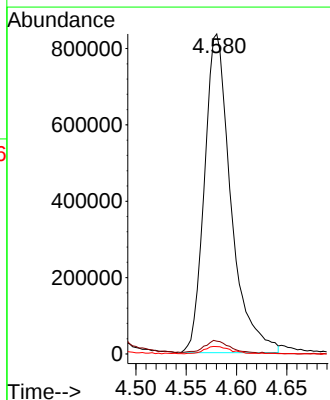
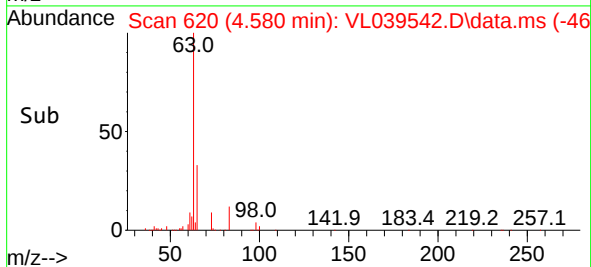
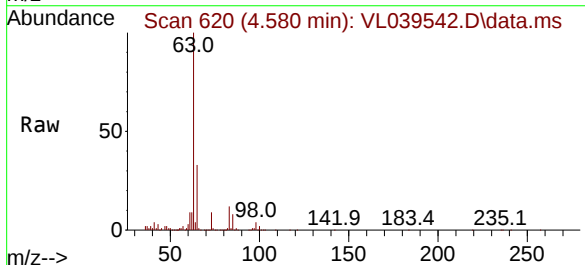
Manual Integrations
 APPROVED

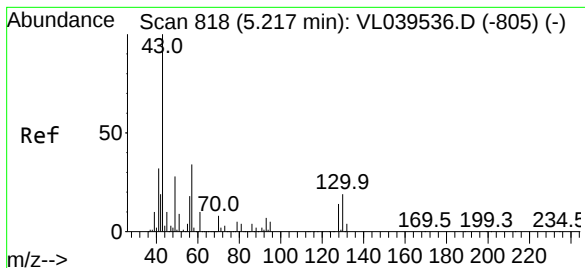
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022



#24
 1,1-Dichloroethane
 Concen: 12.391 ppbv
 RT: 4.580 min Scan# 620
 Delta R.T. 0.000 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

Tgt Ion: 63 Resp: 1526239
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.7 5.0
 100 2.2 1.1 3.3





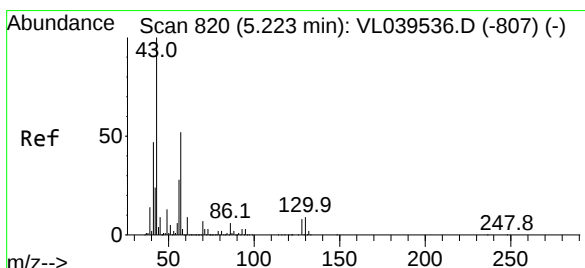
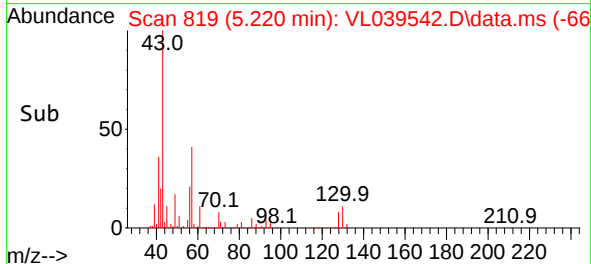
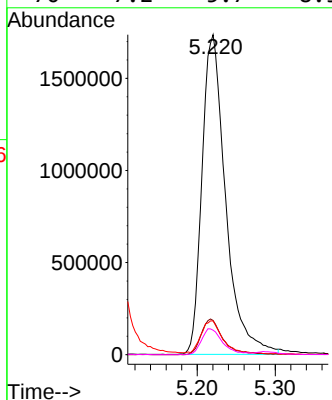
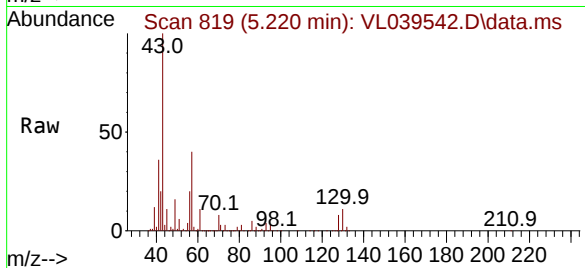
#25
Ethyl Acetate
Concen: 13.608 ppbv
RT: 5.220 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 366768
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 10.5 8.6 12.8
70 7.2 5.7 8.5

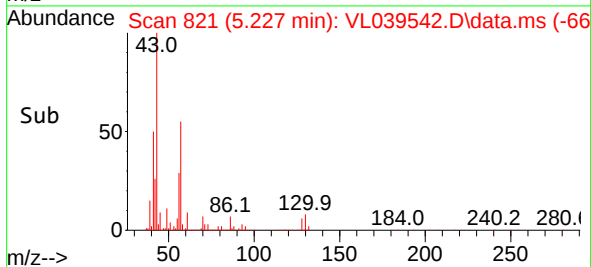
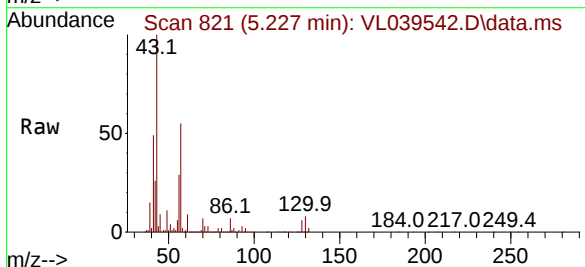
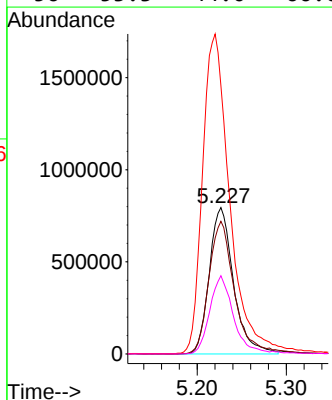
Manual Integrations
APPROVED

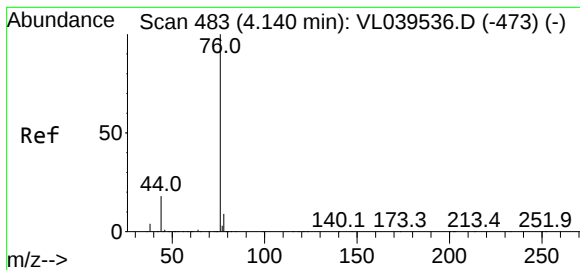
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#26
Hexane
Concen: 14.020 ppbv
RT: 5.227 min Scan# 821
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

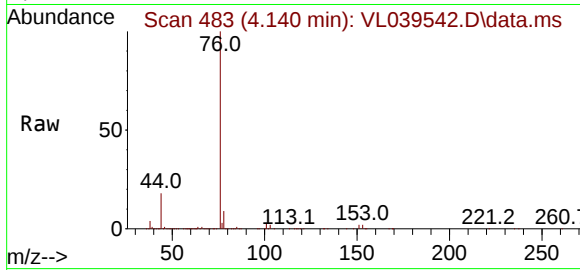
Tgt Ion: 57 Resp: 1507278
Ion Ratio Lower Upper
57 100
41 96.2 79.4 119.2
43 247.1 199.7 299.5
56 53.3 44.0 66.0





#27
Carbon Disulfide
Concen: 14.580 ppbv
RT: 4.140 min Scan# 483
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

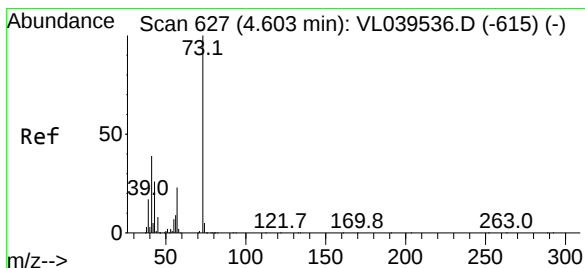
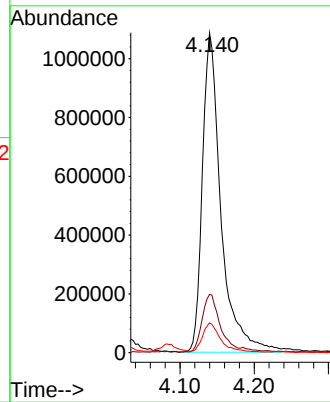
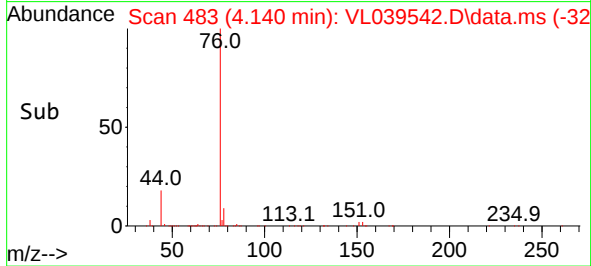
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



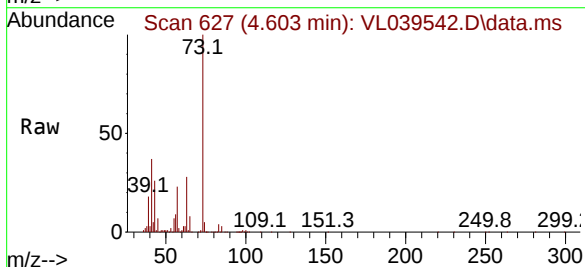
Tgt Ion: 76 Resp: 1889674
Ion Ratio Lower Upper
76 100
44 18.4 16.3 24.5
78 9.3 7.8 11.6

Manual Integrations
APPROVED

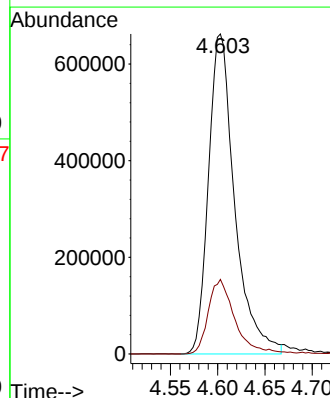
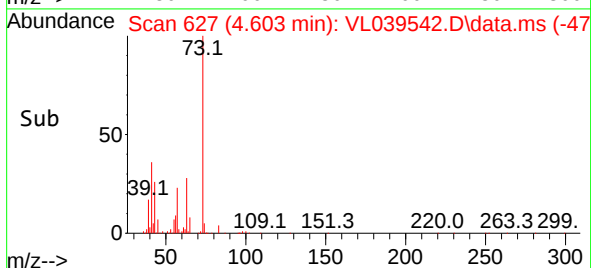
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

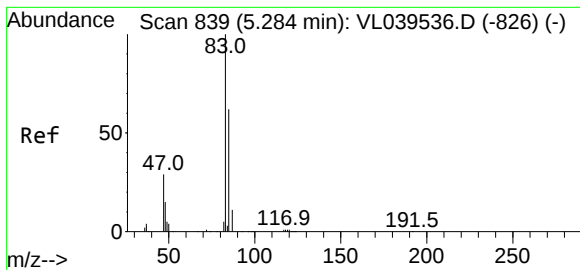


#28
Methyl tert-Butyl Ether
Concen: 11.239 ppbv
RT: 4.603 min Scan# 627
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



Tgt Ion: 73 Resp: 1276495
Ion Ratio Lower Upper
73 100
57 24.1 19.8 29.6





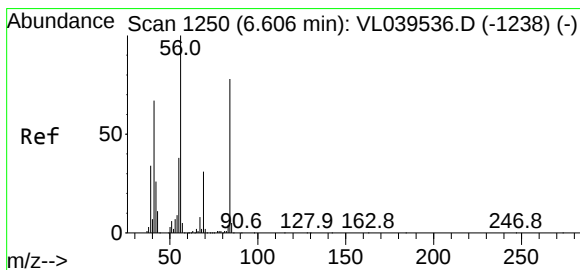
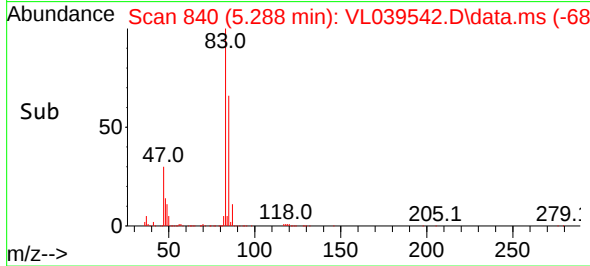
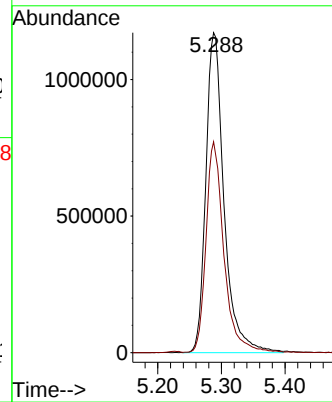
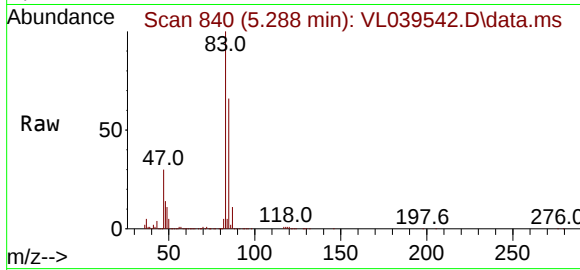
#29
Chloroform
Concen: 12.473 ppbv
RT: 5.288 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2327984
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.8

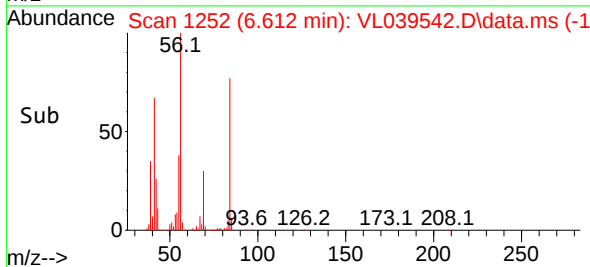
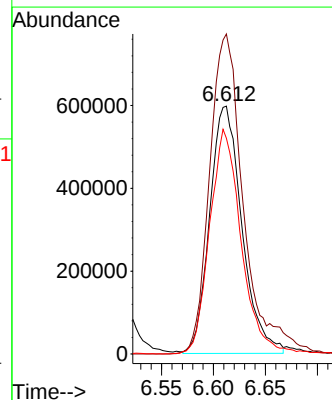
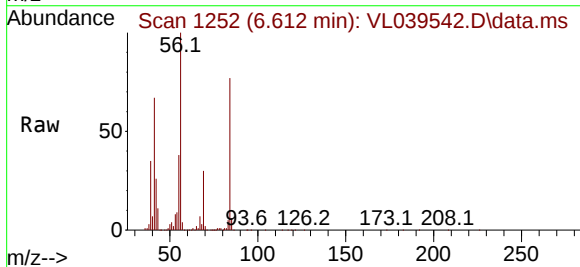
Manual Integrations
APPROVED

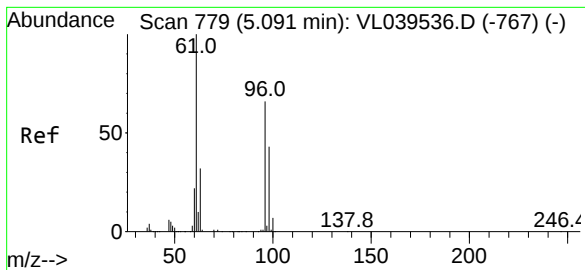
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#30
Cyclohexane
Concen: 13.174 ppbv
RT: 6.612 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

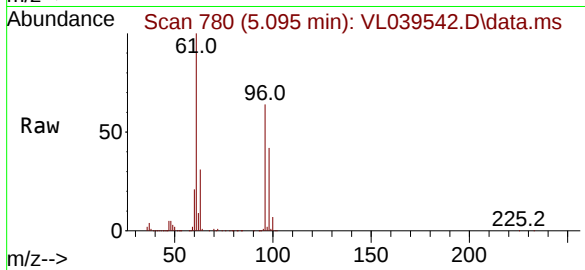
Tgt Ion: 84 Resp: 1290295
Ion Ratio Lower Upper
84 100
56 137.0 0.0 0.0#
41 89.2 0.0 0.0#





#31
cis-1,2-Dichloroethene
Concen: 13.377 ppbv
RT: 5.095 min Scan# 779
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

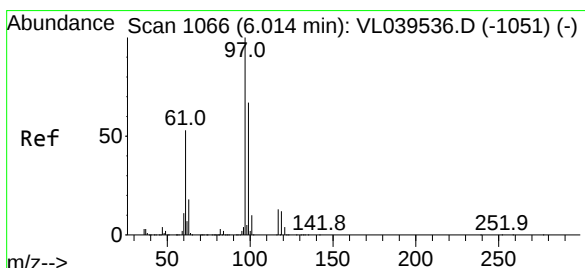
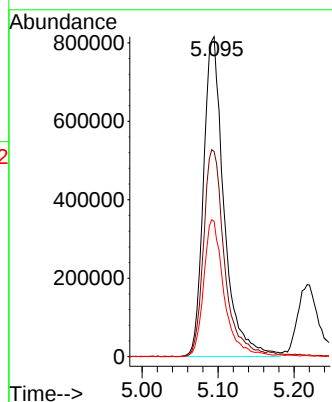
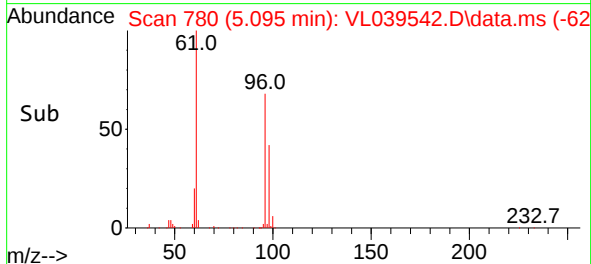
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 61 Resp: 1526609
Ion Ratio Lower Upper
61 100
96 64.1 52.9 79.3
98 42.2 34.5 51.7

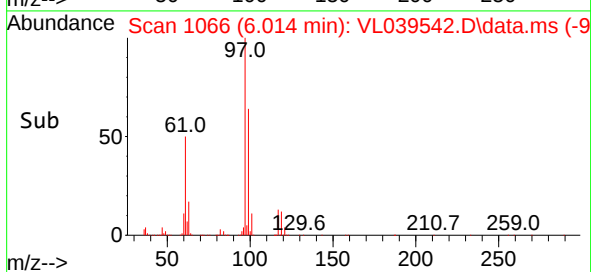
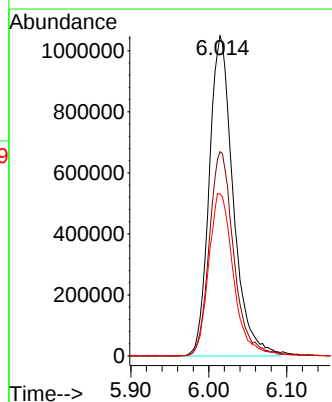
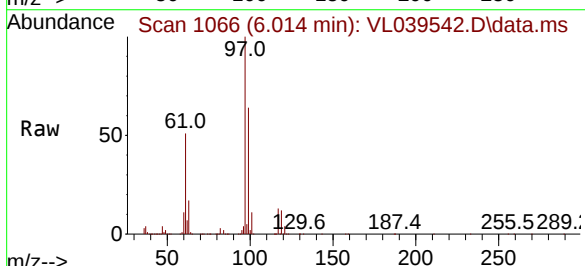
Manual Integrations
APPROVED

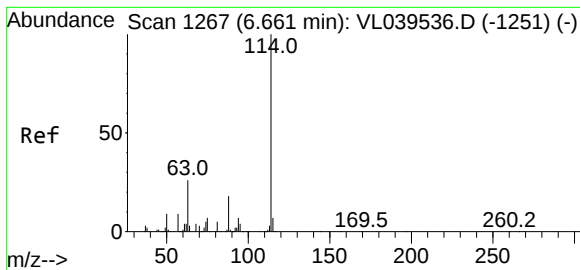
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#32
1,1,1-Trichloroethane
Concen: 12.182 ppbv
RT: 6.014 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

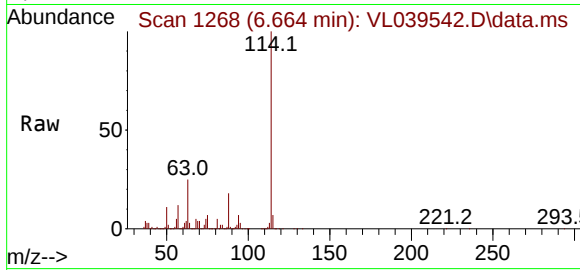
Tgt Ion: 97 Resp: 2246203
Ion Ratio Lower Upper
97 100
99 65.6 52.4 78.6
61 52.4 42.9 64.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1267
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

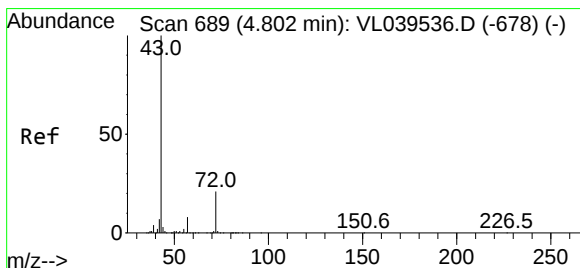
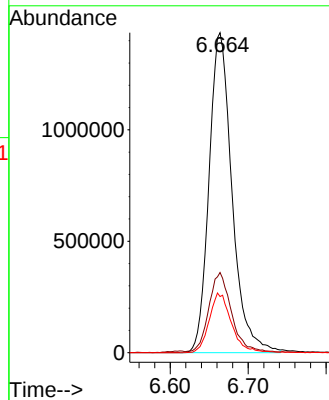
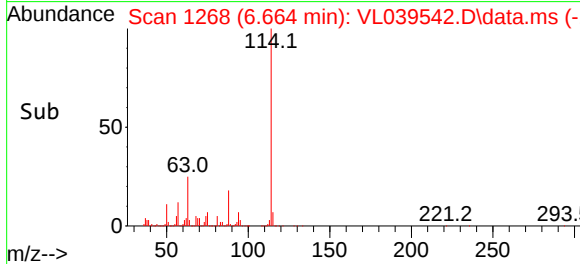
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:114 Resp: 294376
Ion Ratio Lower Upper
114 100
63 25.4 20.6 31.0
88 18.1 14.6 22.0

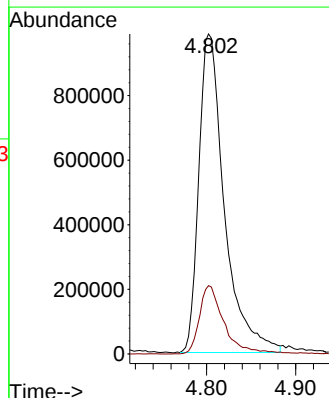
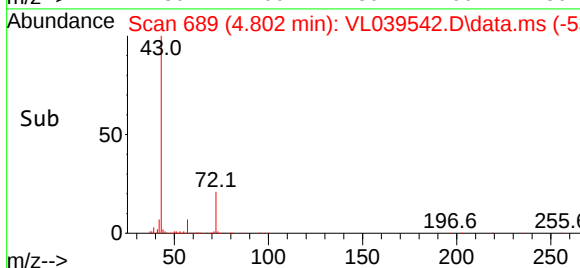
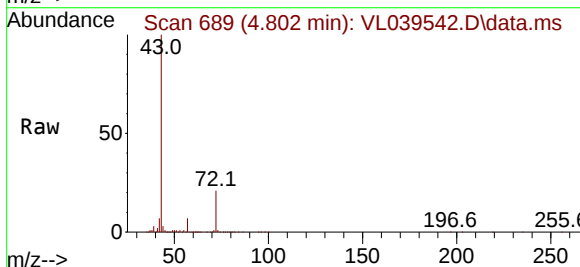
Manual Integrations
APPROVED

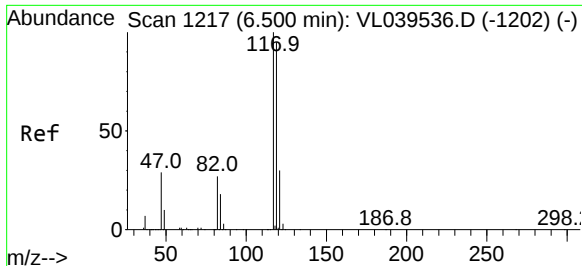
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#34
2-Butanone
Concen: 13.467 ppbv
RT: 4.802 min Scan# 689
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

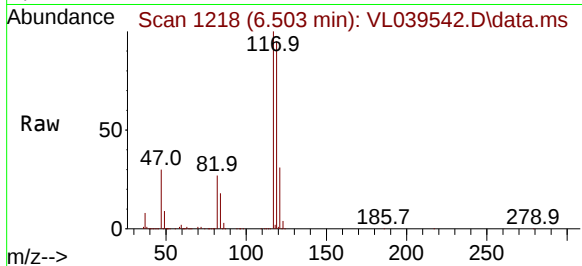
Tgt Ion: 43 Resp: 1970314
Ion Ratio Lower Upper
43 100
72 21.2 17.4 26.0





#35
Carbon Tetrachloride
Concen: 13.432 ppbv
RT: 6.503 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

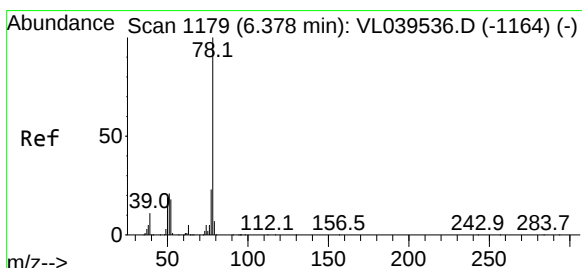
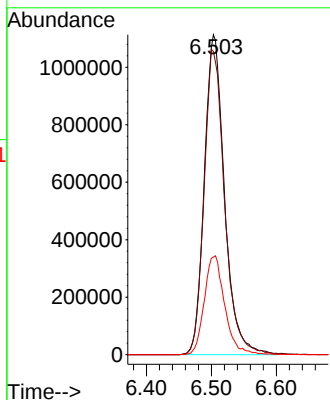
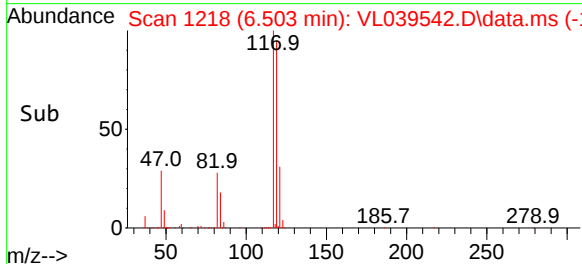
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



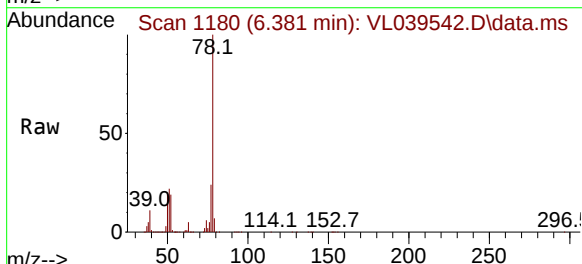
Tgt Ion: 117 Resp: 2408524
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
121 30.5 24.4 36.6

Manual Integrations
APPROVED

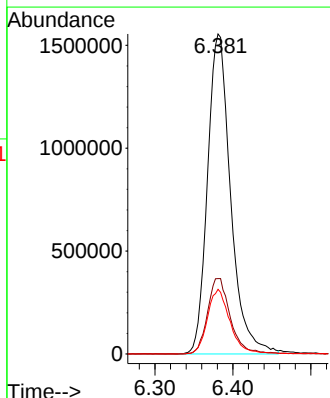
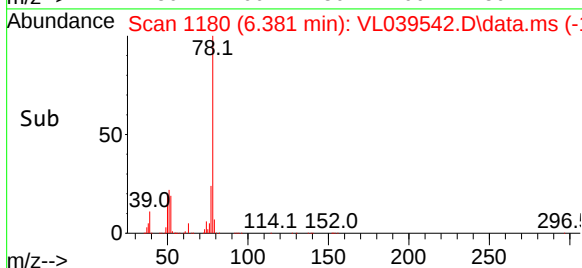
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

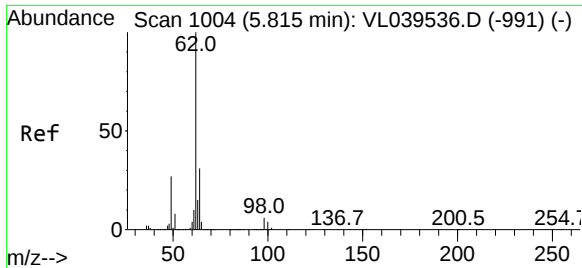


#36
Benzene
Concen: 14.143 ppbv
RT: 6.381 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



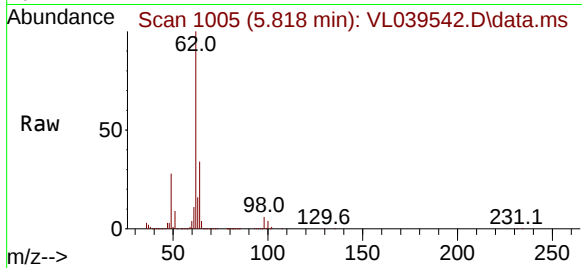
Tgt Ion: 78 Resp: 3206399
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8
50 20.2 15.0 22.4





#37
1,2-Dichloroethane
Concen: 13.101 ppbv
RT: 5.818 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

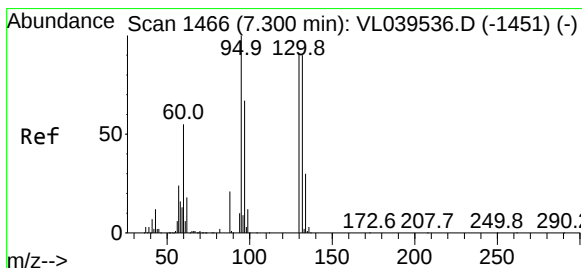
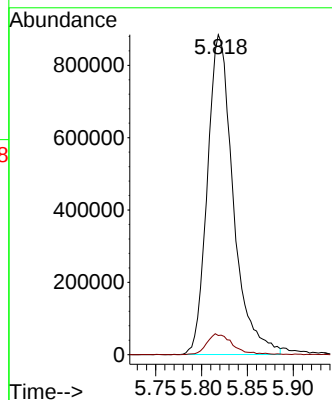
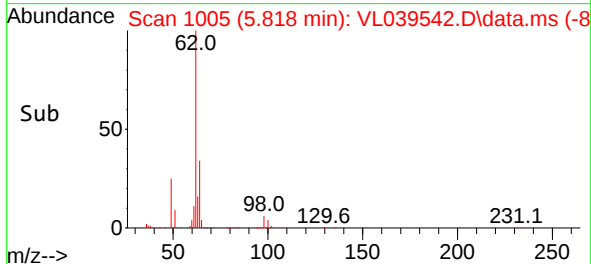
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



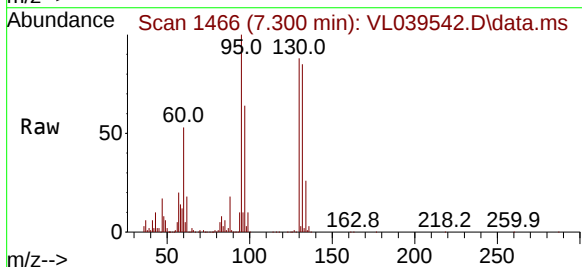
Tgt Ion: 62 Resp: 1735504
Ion Ratio Lower Upper
62 100
98 6.7 5.4 8.2

Manual Integrations
APPROVED

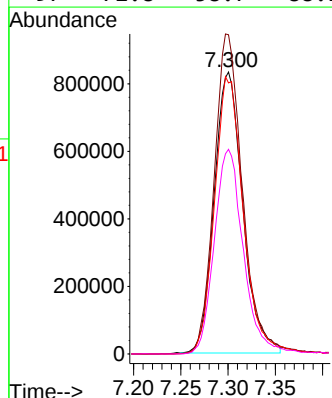
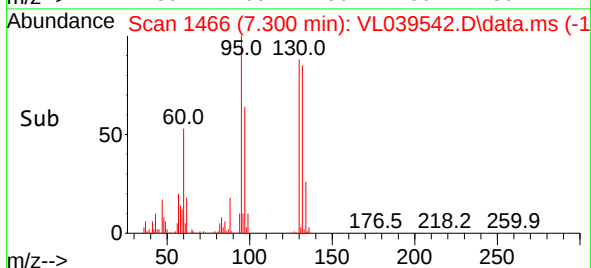
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

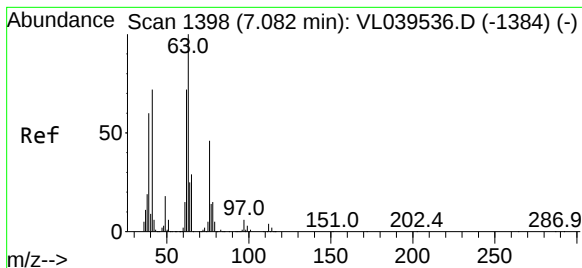


#38
Trichloroethene
Concen: 14.137 ppbv
RT: 7.300 min Scan# 1466
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



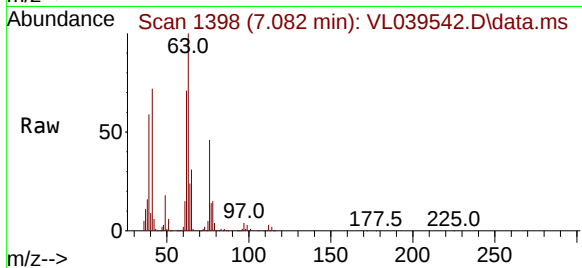
Tgt Ion:130 Resp: 1747721
Ion Ratio Lower Upper
130 100
95 113.5 88.0 132.0
132 96.4 79.1 118.7
97 72.8 58.7 88.1





#39
1,2-Dichloropropane
Concen: 14.603 ppbv
RT: 7.082 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

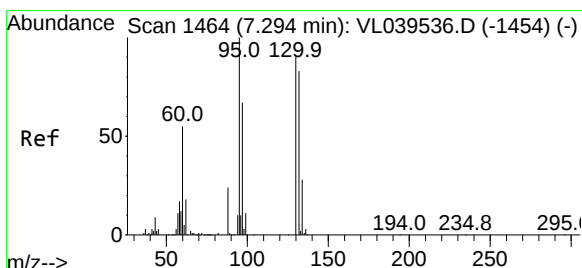
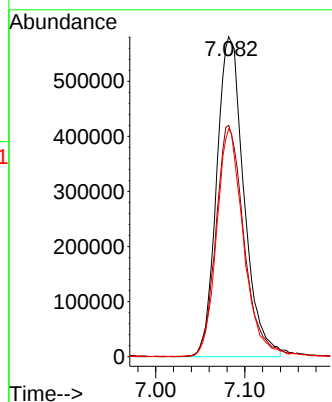
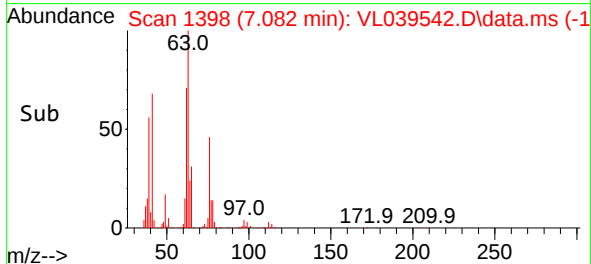
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



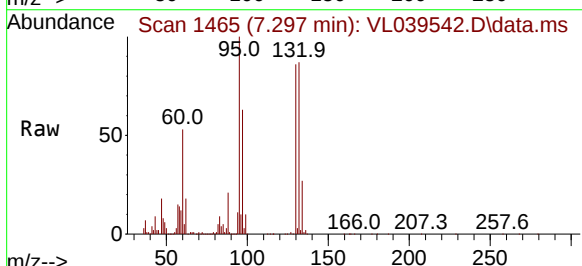
Tgt Ion: 63 Resp: 1235670
Ion Ratio Lower Upper
63 100
41 72.2 58.0 87.0
62 71.0 57.8 86.8

Manual Integrations
APPROVED

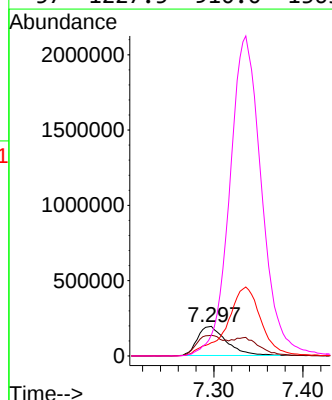
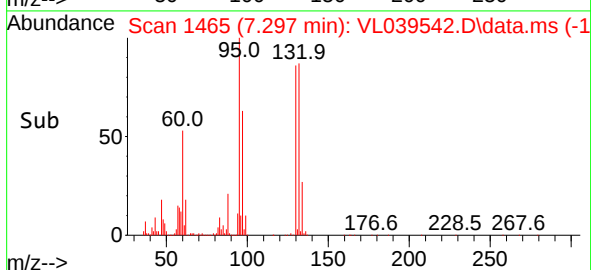
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

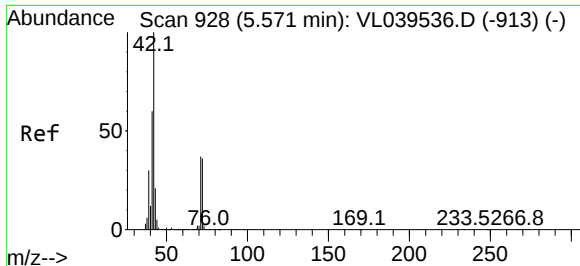


#40
1,4-Dioxane
Concen: 12.950 ppbv
RT: 7.297 min Scan# 1465
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



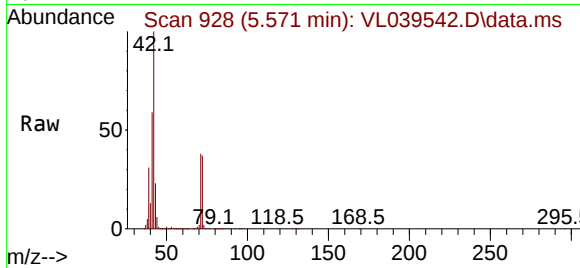
Tgt Ion: 88 Resp: 433746
Ion Ratio Lower Upper
88 100
58 131.5 102.8 154.2
43 285.1 216.2 324.2
57 1227.5 910.0 1365.0





#41
Tetrahydrofuran
Concen: 15.617 ppbv
RT: 5.571 min Scan# 913
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

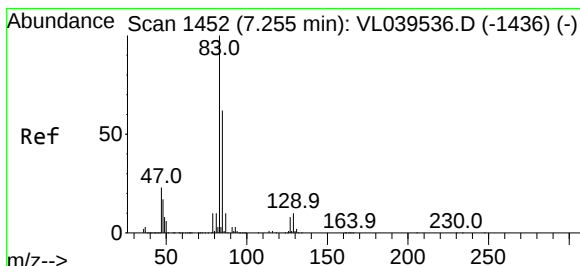
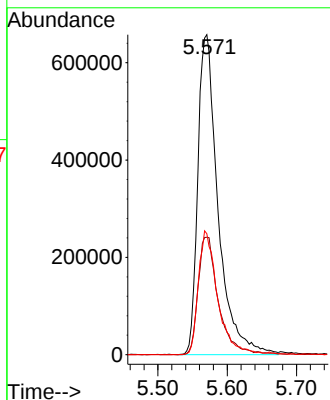
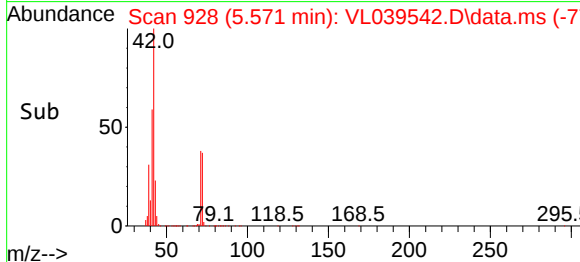
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



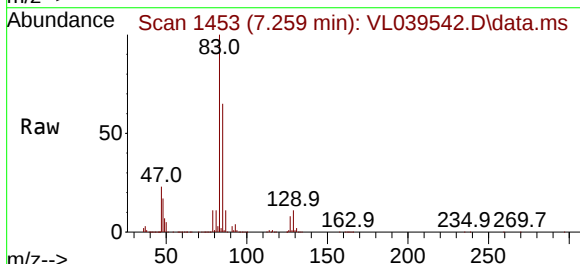
Tgt Ion: 42 Resp: 1335828
Ion Ratio Lower Upper
42 100
72 37.2 30.6 45.8
71 37.3 30.7 46.1

Manual Integrations
APPROVED

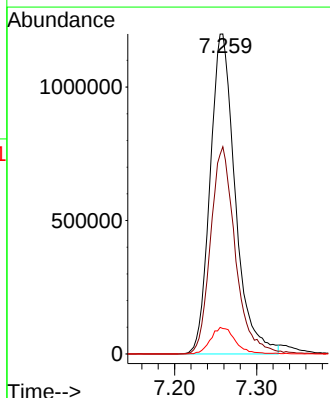
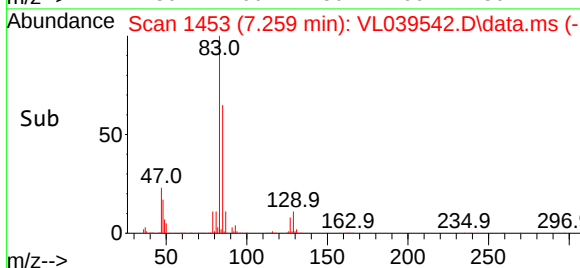
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

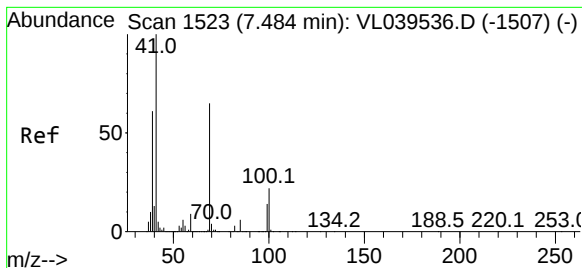


#42
Bromodichloromethane
Concen: 14.255 ppbv
RT: 7.259 min Scan# 1453
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



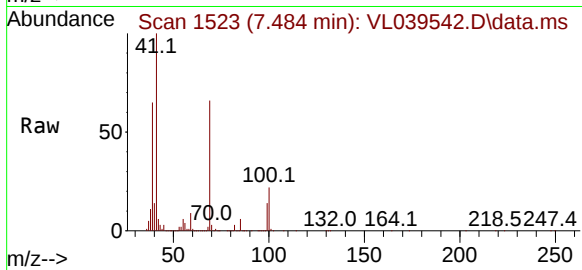
Tgt Ion: 83 Resp: 2549345
Ion Ratio Lower Upper
83 100
85 64.7 49.9 74.9
127 8.0 6.7 10.1





#43
Methyl Methacrylate
Concen: 15.042 ppbv
RT: 7.484 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

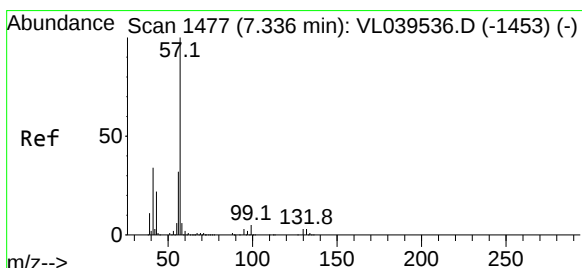
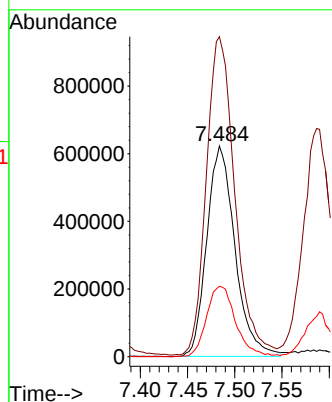
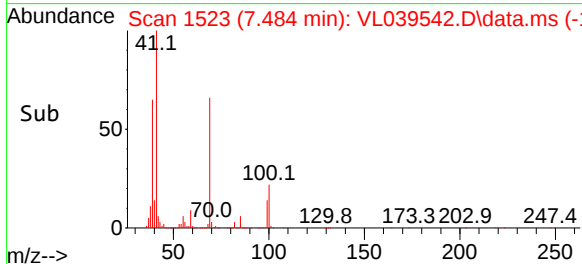
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



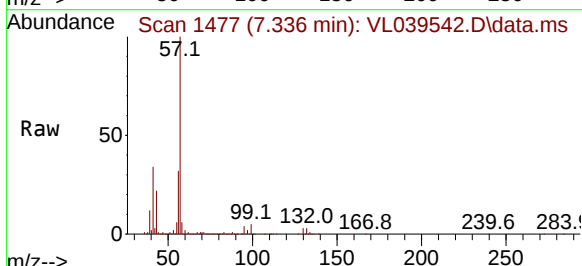
Tgt Ion: 69 Resp: 1289739
Ion Ratio Lower Upper
69 100
41 155.1 123.0 184.6
100 34.5 27.4 41.2

Manual Integrations
APPROVED

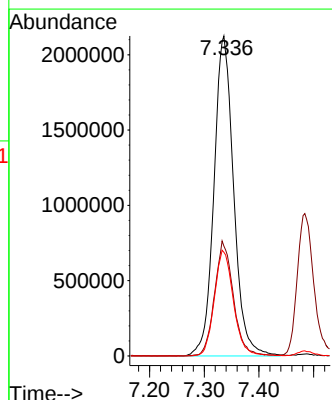
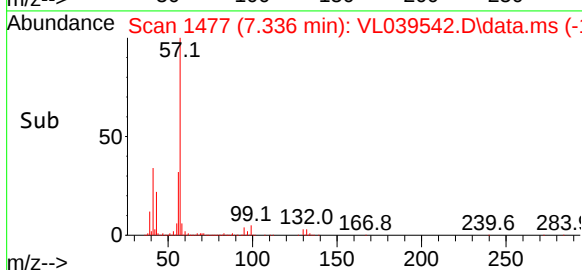
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

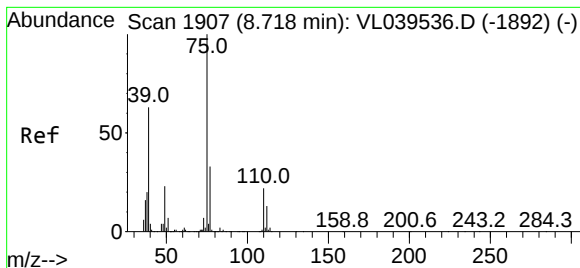


#44
2,2,4-Trimethylpentane
Concen: 13.856 ppbv
RT: 7.336 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



Tgt Ion: 57 Resp: 5318344
Ion Ratio Lower Upper
57 100
41 34.1 27.8 41.6
56 32.0 25.5 38.3





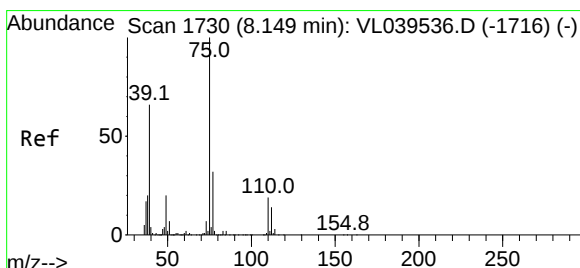
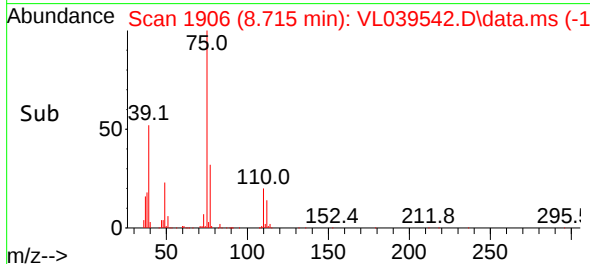
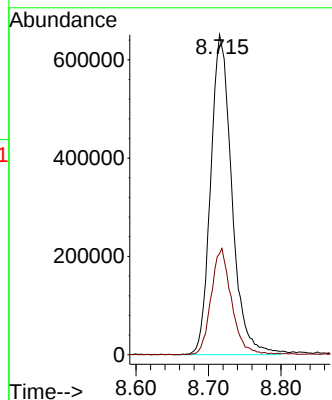
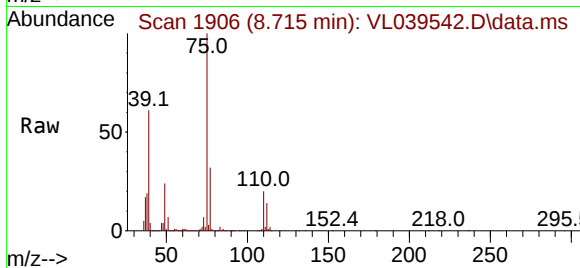
#45
t-1,3-Dichloropropene
Concen: 17.663 ppbv
RT: 8.715 min Scan# 1907
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 132123
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2

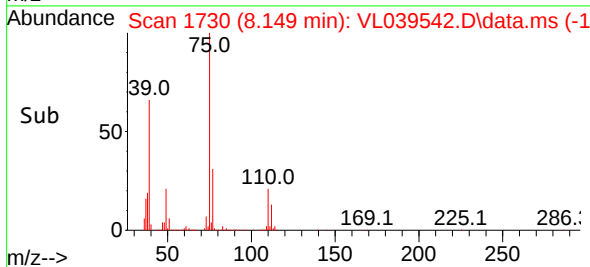
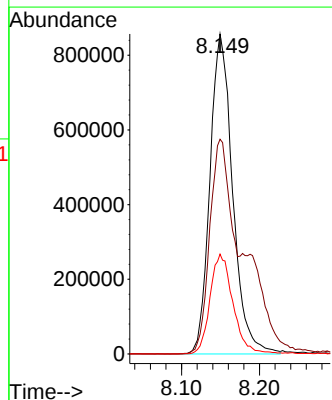
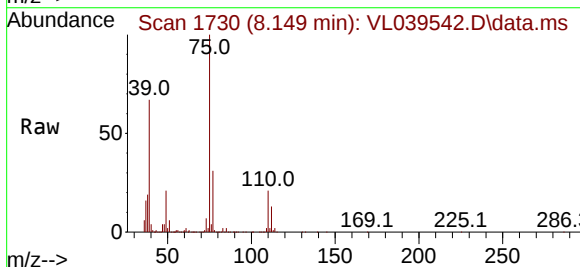
Manual Integrations
APPROVED

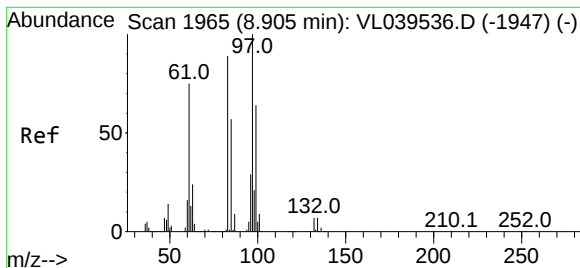
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#46
cis-1,3-Dichloropropene
Concen: 16.605 ppbv
RT: 8.149 min Scan# 1730
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

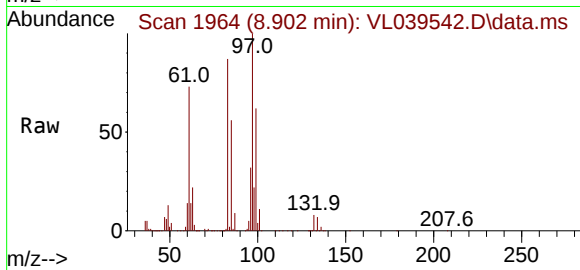
Tgt Ion: 75 Resp: 1734491
Ion Ratio Lower Upper
75 100
39 67.0 52.8 79.2
77 31.2 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 14.134 ppbv
RT: 8.902 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

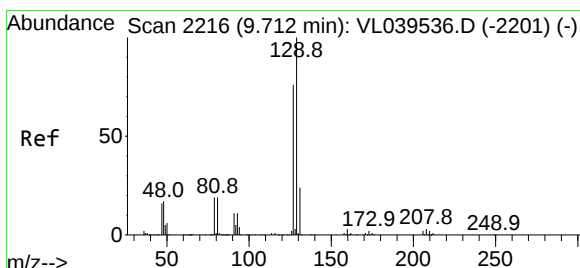
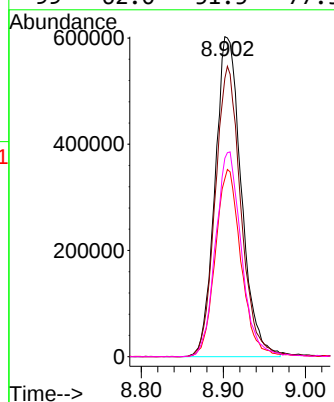
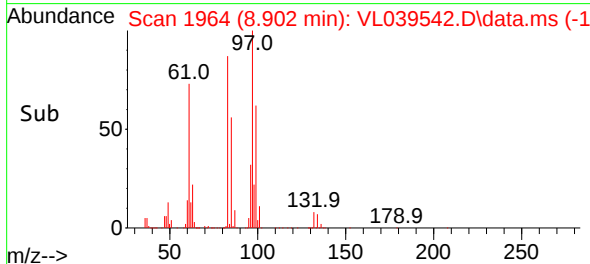
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 97 Resp: 1341192
Ion Ratio Lower Upper
97 100
83 87.0 70.8 106.2
85 55.6 45.4 68.2
99 62.0 51.5 77.3

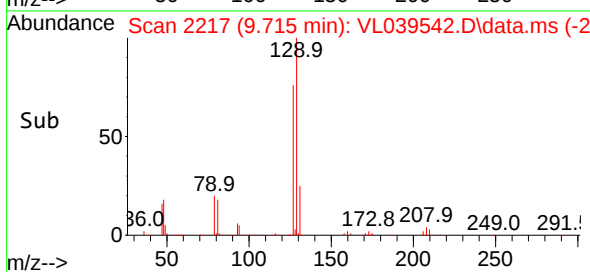
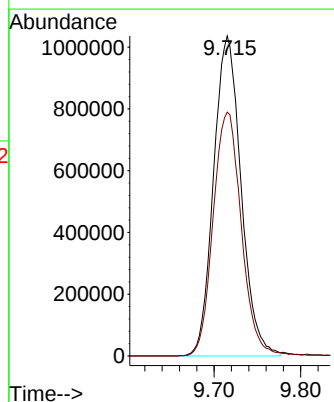
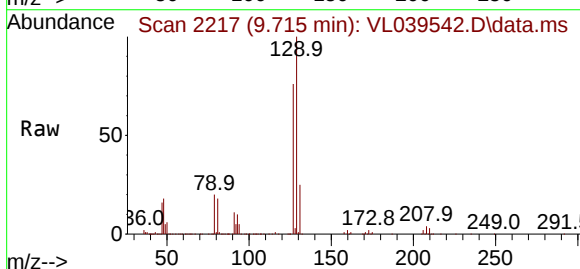
Manual Integrations
APPROVED

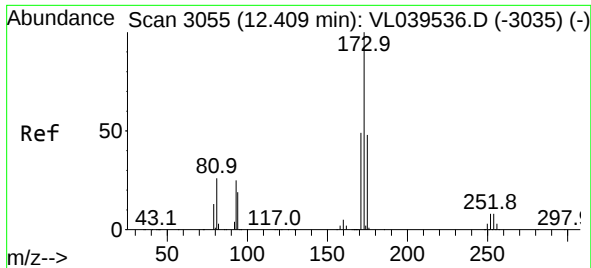
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#48
Dibromochloromethane
Concen: 15.249 ppbv
RT: 9.715 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

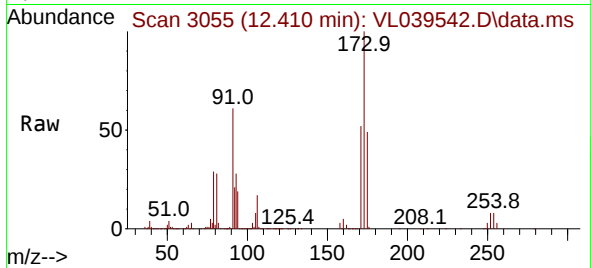
Tgt Ion:129 Resp: 2283993
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3





#49
Bromoform
Concen: 16.289 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

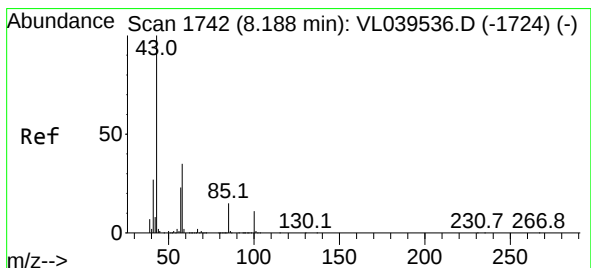
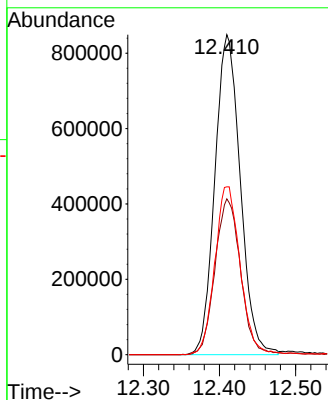
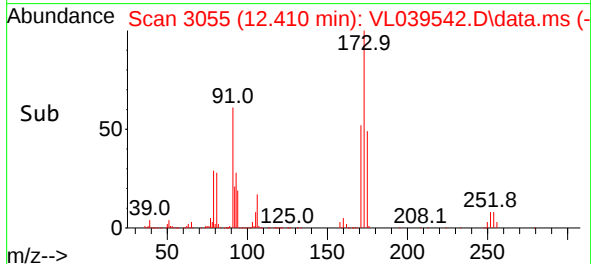
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 173 Resp: 1971470
Ion Ratio Lower Upper
173 100
175 49.3 0.0 0.0
171 52.8 0.0 0.0

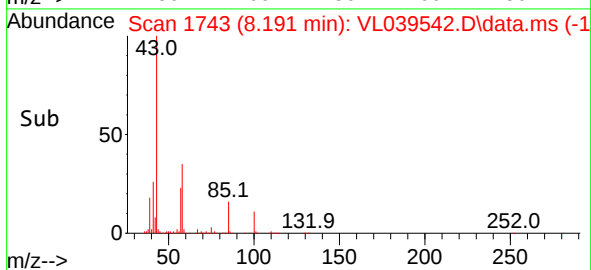
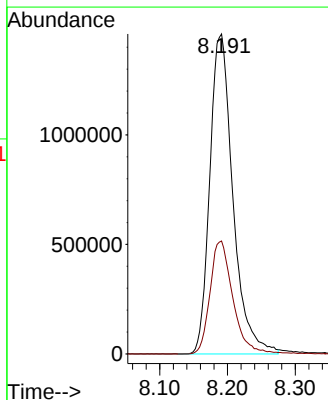
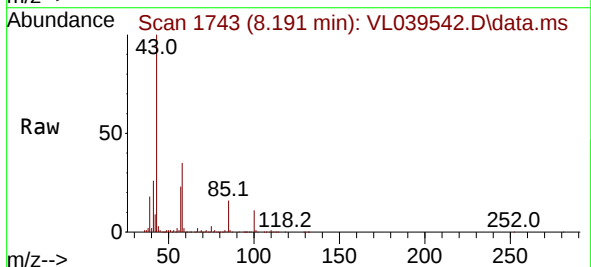
Manual Integrations
APPROVED

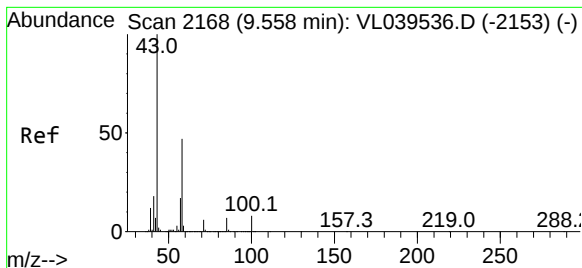
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#50
4-Methyl-2-Pentanone
Concen: 15.414 ppbv
RT: 8.191 min Scan# 1743
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

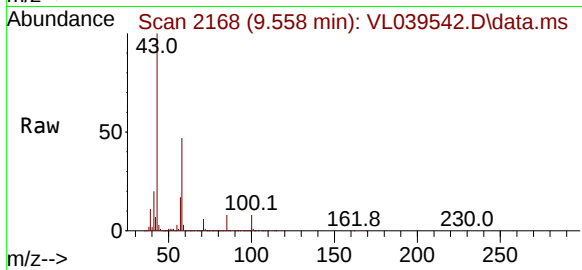
Tgt Ion: 43 Resp: 3453379
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





#51
2-Hexanone
Concen: 16.131 ppbv
RT: 9.558 min Scan# 2168
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

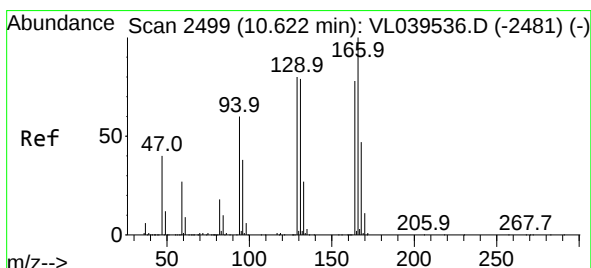
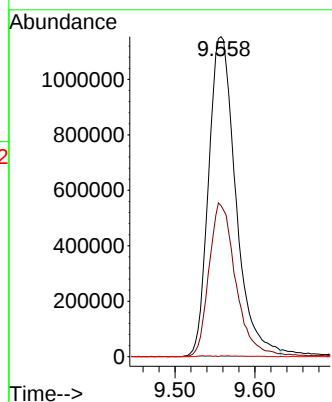
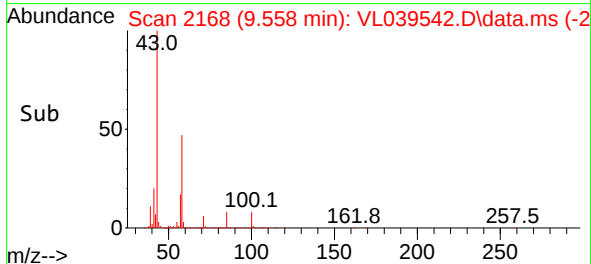
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



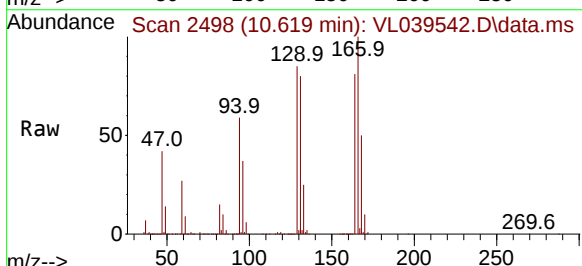
Tgt Ion: 43 Resp: 2724498
Ion Ratio Lower Upper
43 100
58 48.0 37.5 56.3
98 0.3 0.5 0.7

Manual Integrations
APPROVED

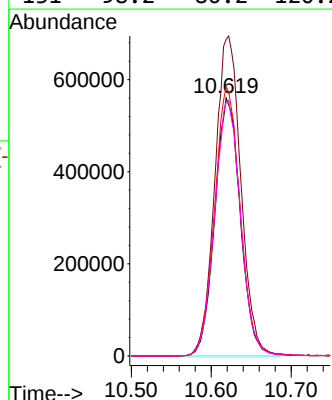
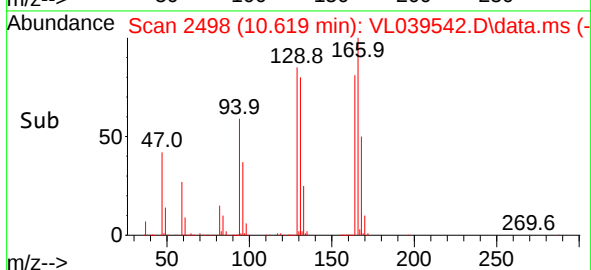
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

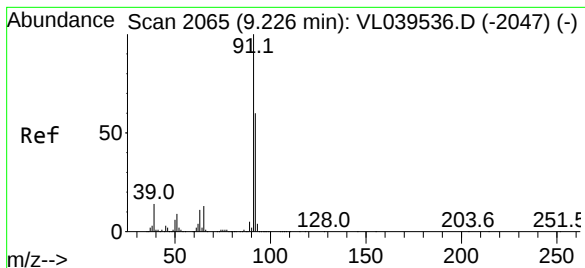


#52
Tetrachloroethene
Concen: 13.612 ppbv
RT: 10.619 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



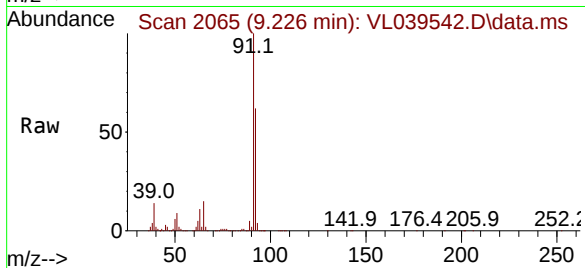
Tgt Ion:164 Resp: 1237945
Ion Ratio Lower Upper
164 100
166 122.7 102.0 153.0
129 104.2 81.7 122.5
131 98.2 80.2 120.2





#53
Toluene
Concen: 14.752 ppbv
RT: 9.226 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

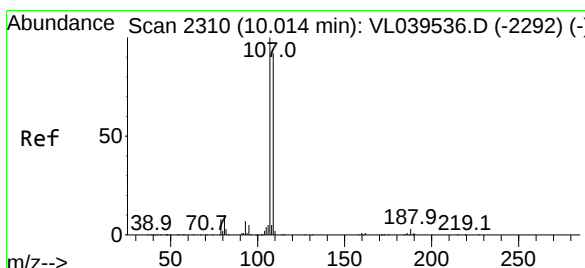
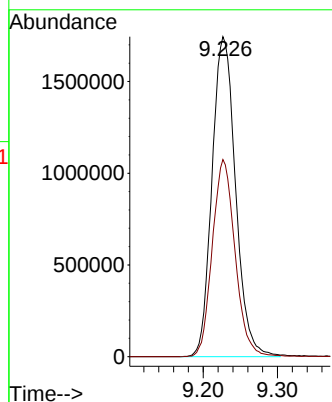
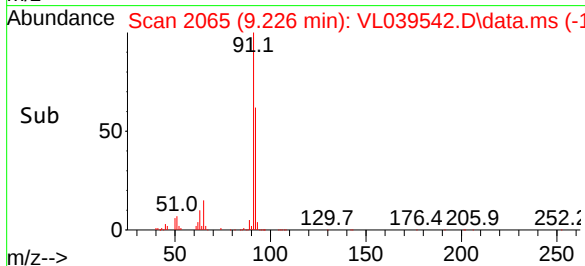
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



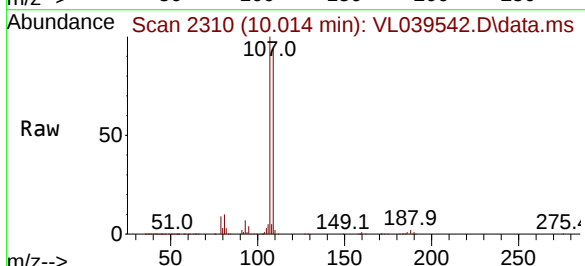
Tgt Ion: 91 Resp: 384280
Ion Ratio Lower Upper
91 100
92 59.9 47.9 71.9

Manual Integrations
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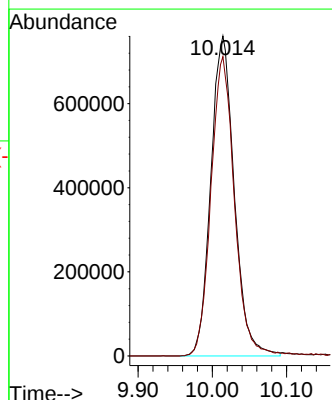
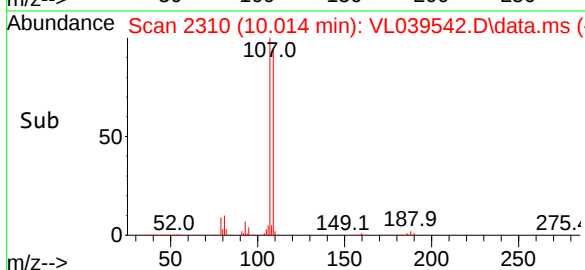
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

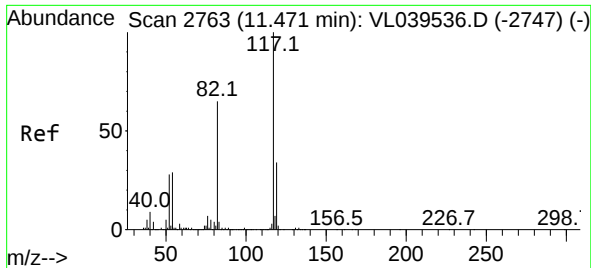


#54
1,2-Dibromoethane
Concen: 14.341 ppbv
RT: 10.014 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



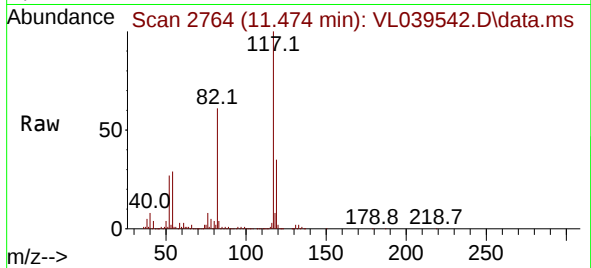
Tgt Ion:107 Resp: 1668999
Ion Ratio Lower Upper
107 100
109 93.5 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2763
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

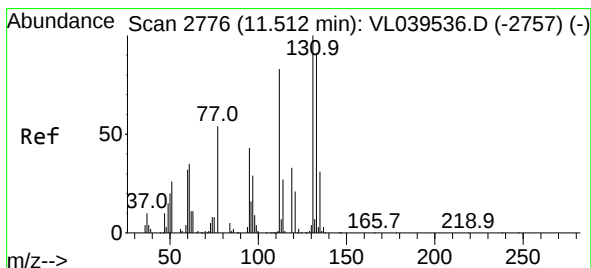
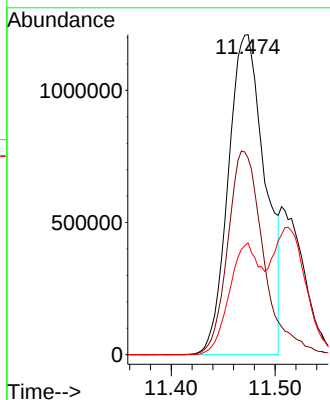
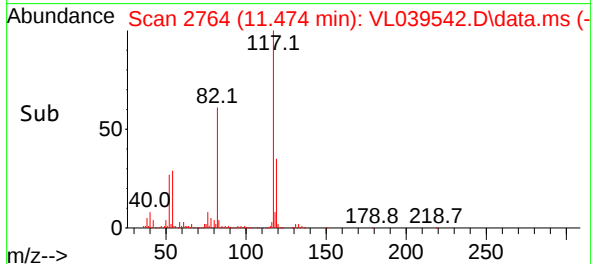
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion:117 Resp: 297279
Ion Ratio Lower Upper
117 100
82 62.6 49.1 73.7
119 27.9 25.9 38.9

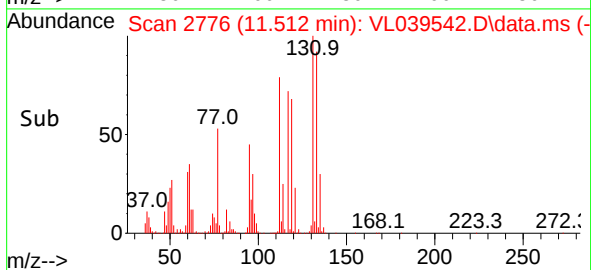
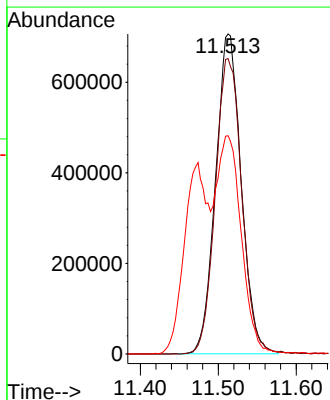
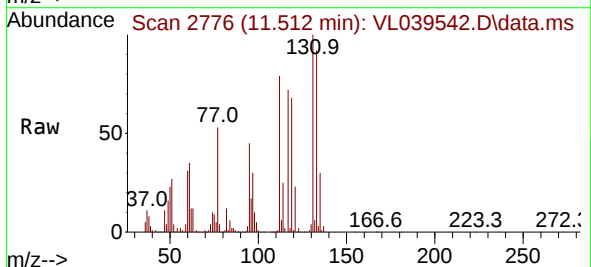
Manual Integrations
APPROVED

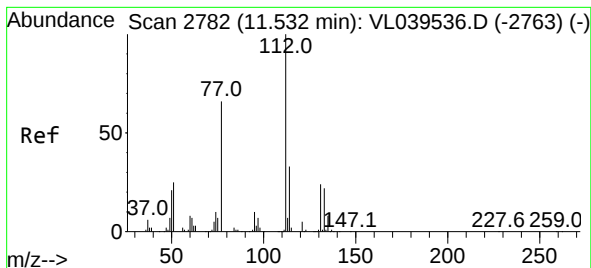
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 12.545 ppbv
RT: 11.512 min Scan# 2776
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Tgt Ion:131 Resp: 1613758
Ion Ratio Lower Upper
131 100
133 95.7 75.4 113.2
119 71.7 47.4 71.2#





#57

Chlorobenzene

Concen: 12.739 ppbv

RT: 11.532 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:112 Resp: 288568

Ion Ratio Lower Upper

112 100

77 64.5 53.4 80.0

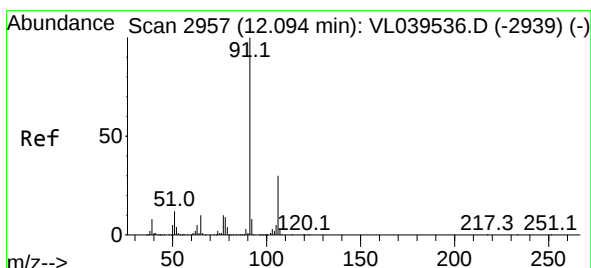
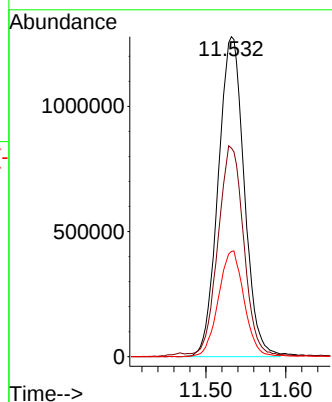
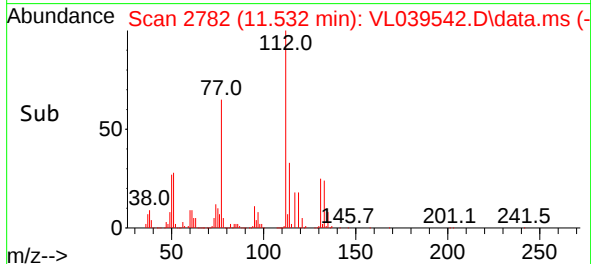
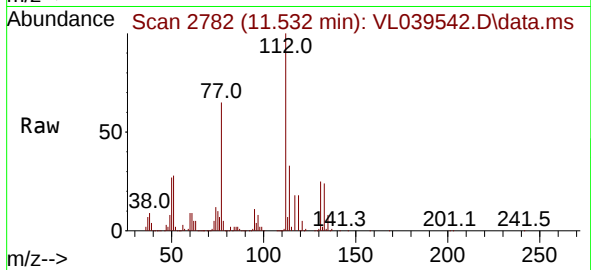
114 32.9 29.5 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#58

Ethyl Benzene

Concen: 13.416 ppbv

RT: 12.094 min Scan# 2957

Delta R.T. 0.000 min

Lab File: VL039542.D

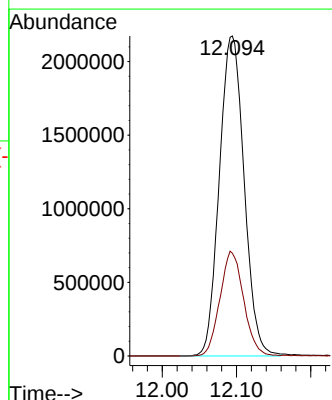
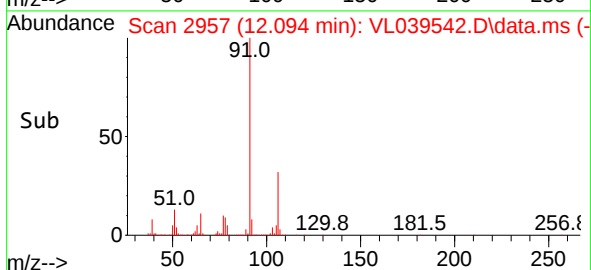
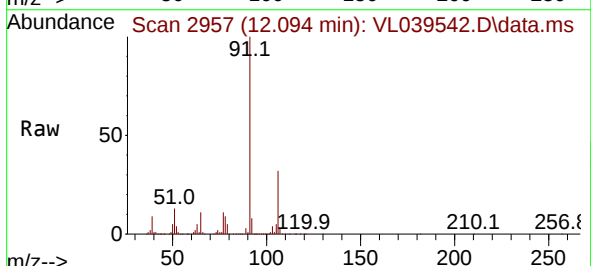
Acq: 17 Aug 2022 7:32

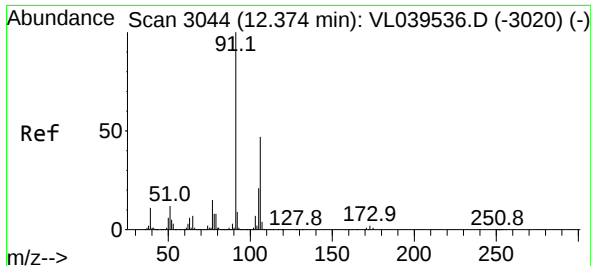
Tgt Ion: 91 Resp: 5040318

Ion Ratio Lower Upper

91 100

106 32.1 24.2 36.4





#59

m/p-Xylene

Concen: 25.561 ppbv m

RT: 12.377 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 845207

Ion Ratio Lower Upper

91 100

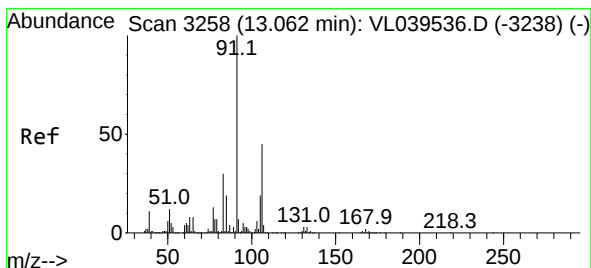
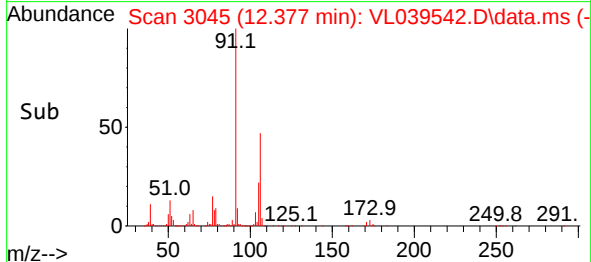
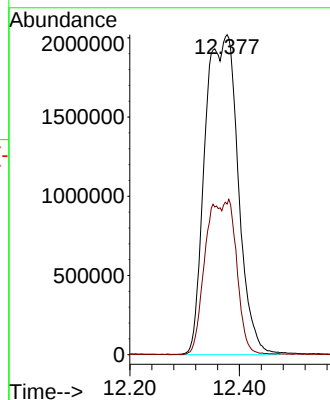
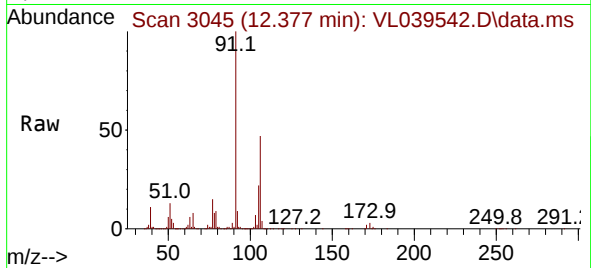
106 45.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#60

o-Xylene

Concen: 13.102 ppbv

RT: 13.062 min Scan# 3258

Delta R.T. 0.000 min

Lab File: VL039542.D

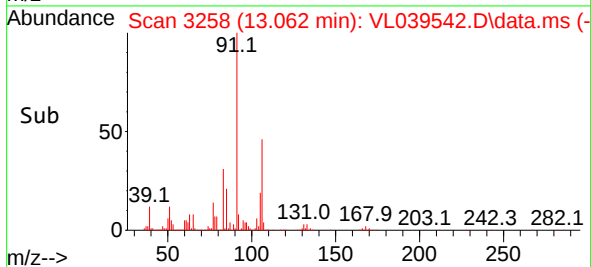
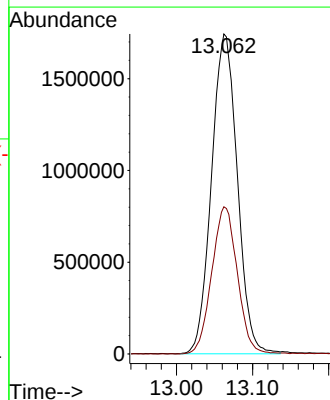
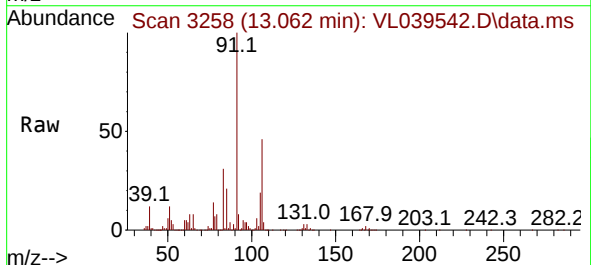
Acq: 17 Aug 2022 7:32

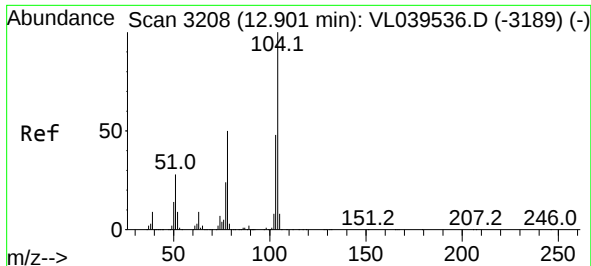
Tgt Ion: 91 Resp: 4110860

Ion Ratio Lower Upper

91 100

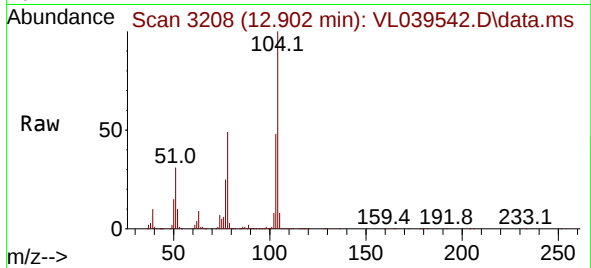
106 45.8 22.7 68.0





#61
Styrene
Concen: 15.110 ppbv
RT: 12.902 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

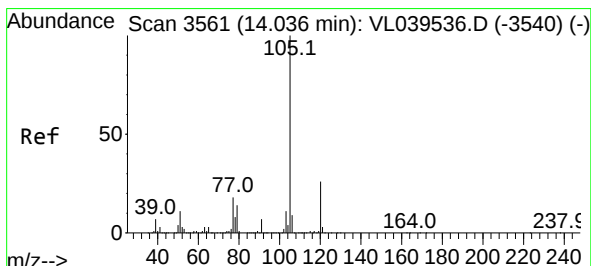
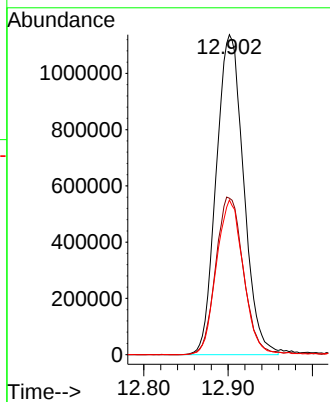
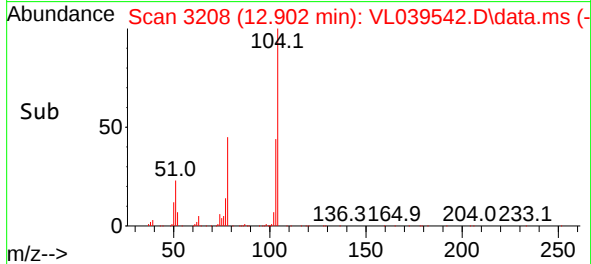
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



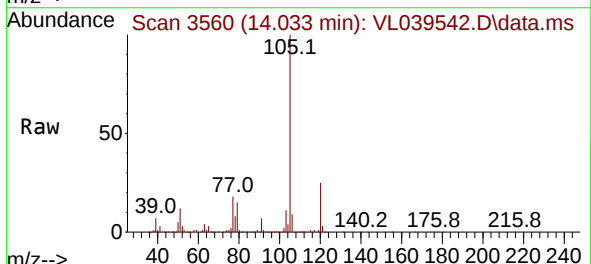
Tgt Ion:104 Resp: 256455
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 48.0 38.2 57.2

Manual Integrations
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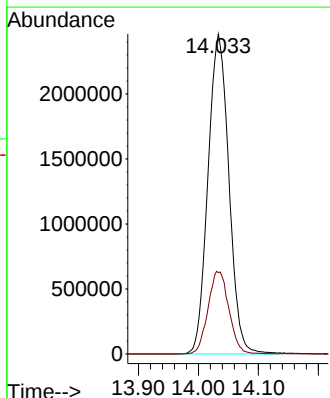
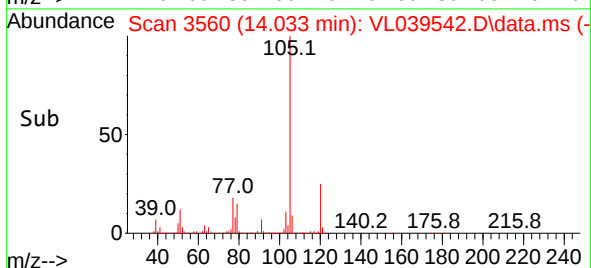
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

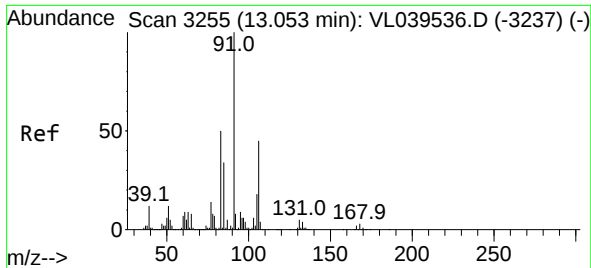


#62
Isopropylbenzene
Concen: 12.482 ppbv
RT: 14.033 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



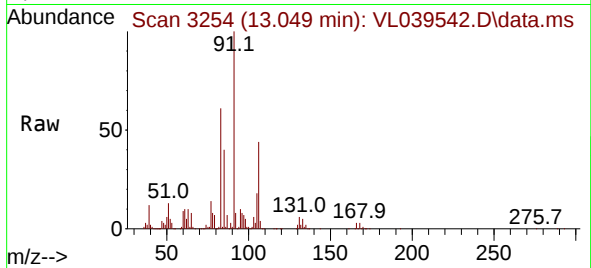
Tgt Ion:105 Resp: 5956812
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 10.402 ppbv
RT: 13.049 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

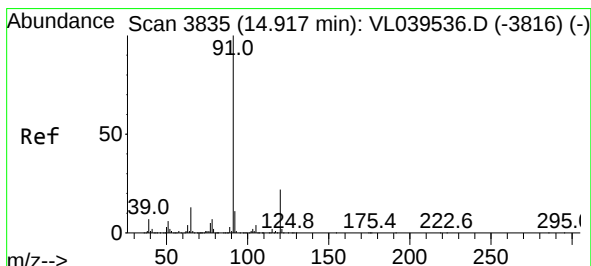
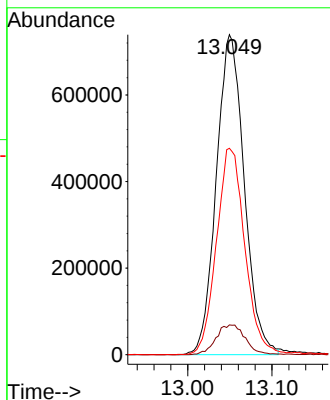
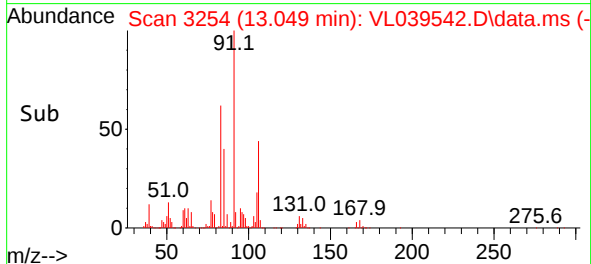
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



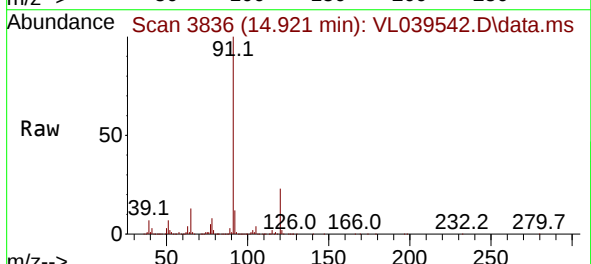
Tgt Ion: 83 Resp: 170039
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 66.4 33.2 99.6

Manual Integrations
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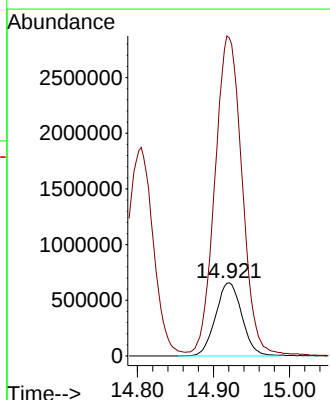
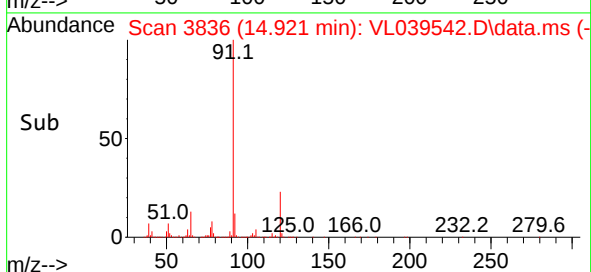
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

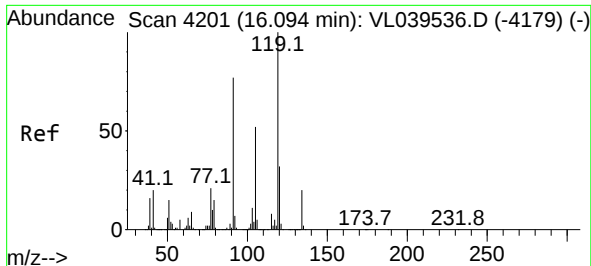


#64
n-propylbenzene
Concen: 13.092 ppbv
RT: 14.921 min Scan# 3836
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



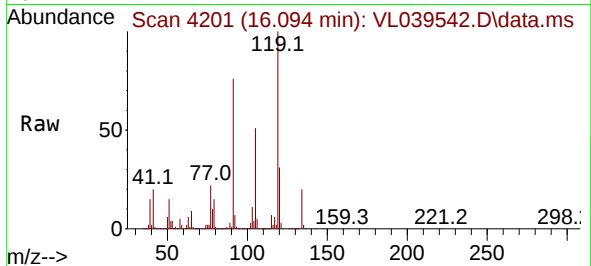
Tgt Ion:120 Resp: 1578488
Ion Ratio Lower Upper
120 100
91 454.9 372.6 559.0





#65
tert-Butylbenzene
Concen: 12.021 ppbv
RT: 16.094 min Scan# 4179
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

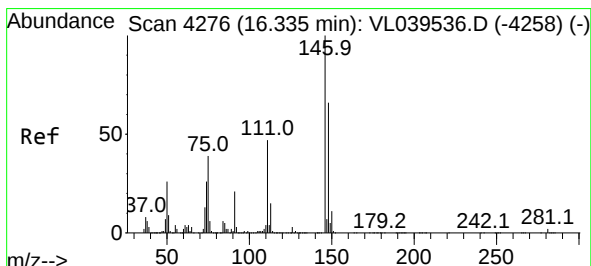
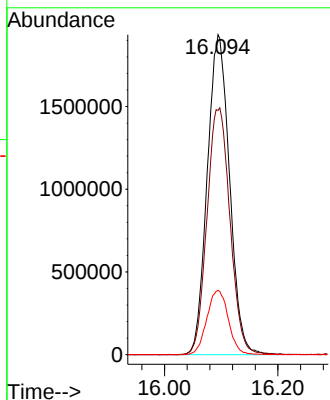
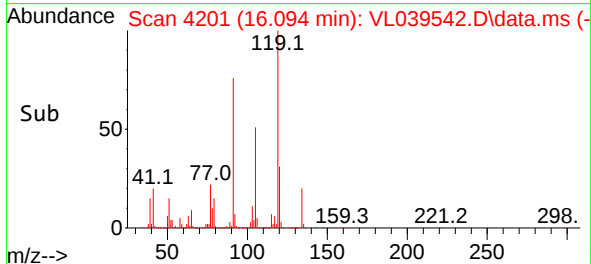
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



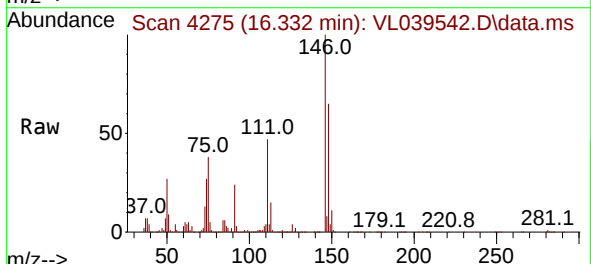
Tgt Ion: 119 Resp: 5277480
Ion Ratio Lower Upper
119 100
91 79.7 63.8 95.8
134 19.5 15.4 23.2

Manual Integrations
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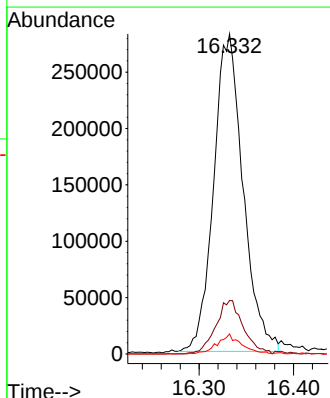
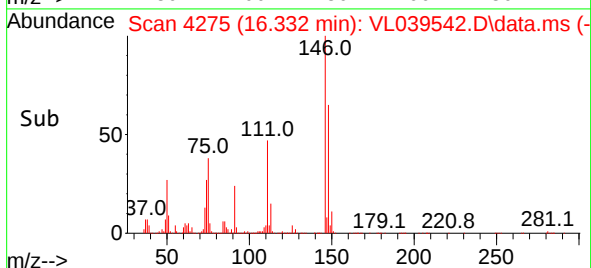
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

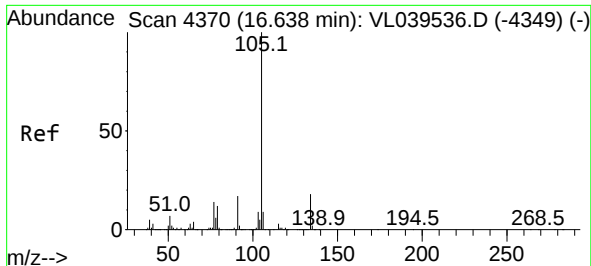


#66
Benzyl Chloride
Concen: 15.283 ppbv
RT: 16.332 min Scan# 4275
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



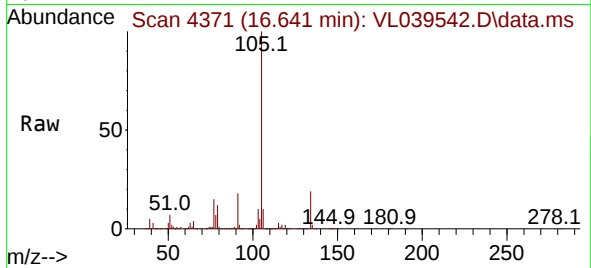
Tgt Ion: 91 Resp: 608020
Ion Ratio Lower Upper
91 100
126 16.2 0.0 0.0#
128 5.3 1.5 2.3#





#67
 sec-Butylbenzene
 Concen: 12.415 ppbv
 RT: 16.641 min Scan# 4371
 Delta R.T. 0.003 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

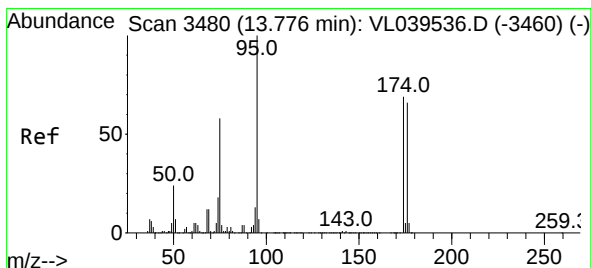
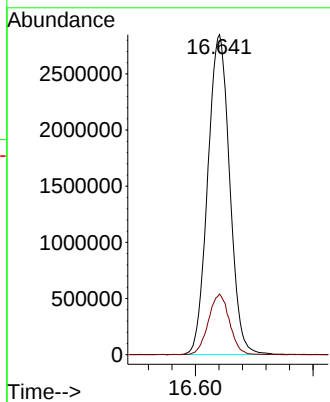
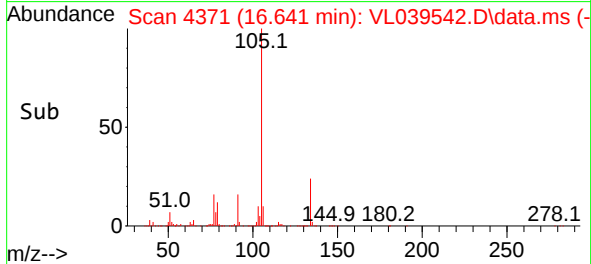
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



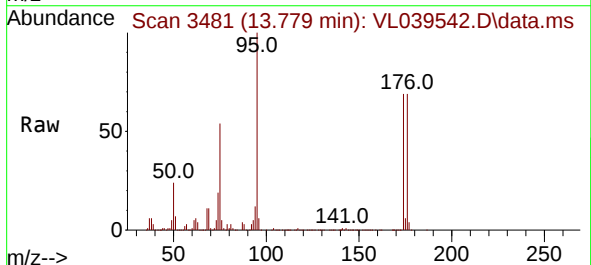
Tgt Ion: 105 Resp: 7365936
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.3 21.5

Manual Integrations
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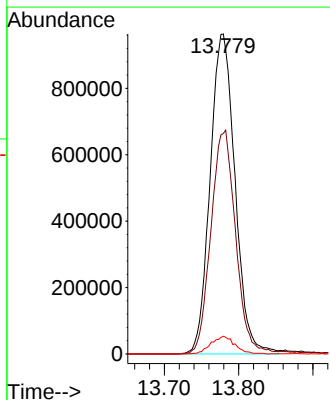
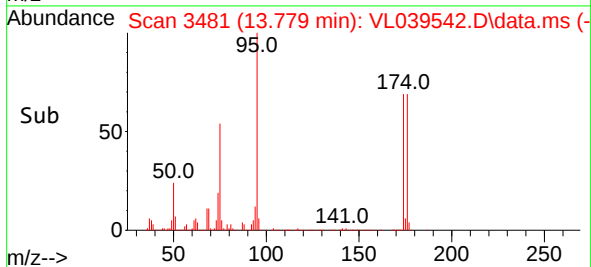
Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

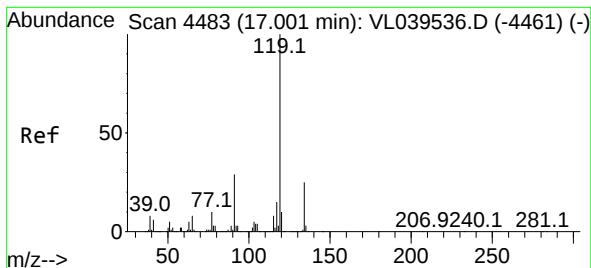


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.171 ppbv
 RT: 13.779 min Scan# 3481
 Delta R.T. 0.003 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32



Tgt Ion: 95 Resp: 2245146
 Ion Ratio Lower Upper
 95 100
 174 70.4 56.3 84.5
 175 5.4 4.3 6.5





#69

p-Isopropyltoluene

Concen: 12.349 ppbv

RT: 17.001 min Scan# 4483

Delta R.T. 0.000 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 619100

Ion Ratio Lower Upper

119 100

134 25.4 19.8 29.6

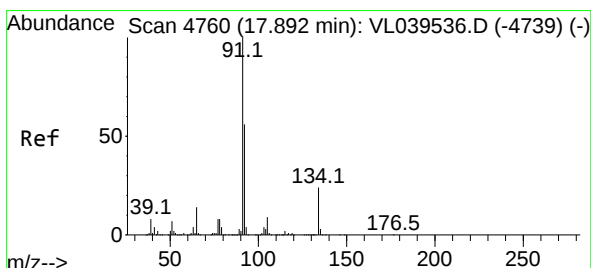
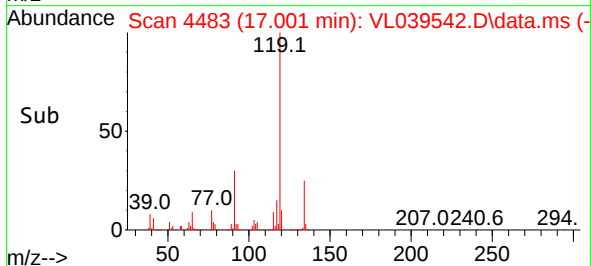
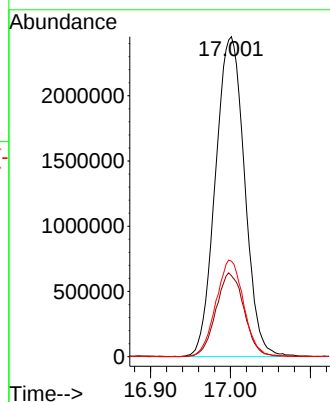
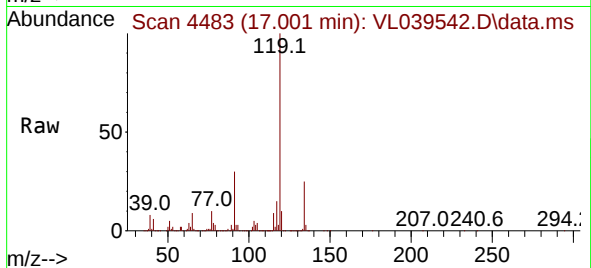
91 28.8 22.6 33.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#70

n-Butylbenzene

Concen: 12.897 ppbv

RT: 17.892 min Scan# 4760

Delta R.T. 0.000 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

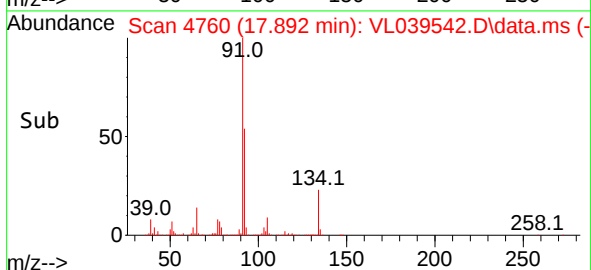
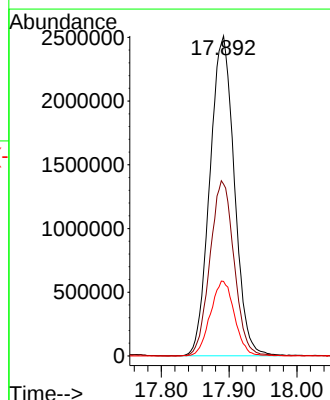
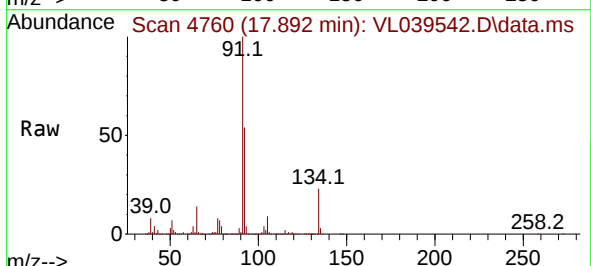
Tgt Ion: 91 Resp: 6291955

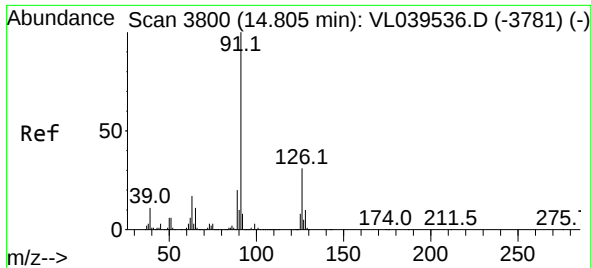
Ion Ratio Lower Upper

91 100

92 54.1 43.0 64.6

134 23.2 18.1 27.1





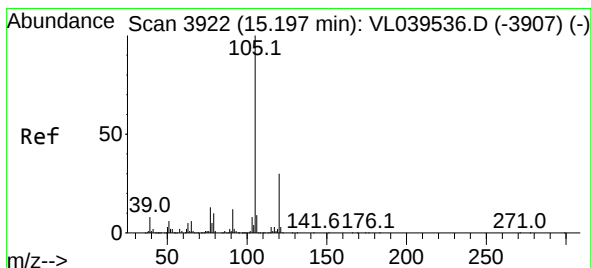
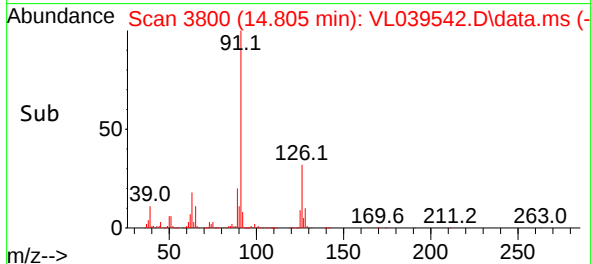
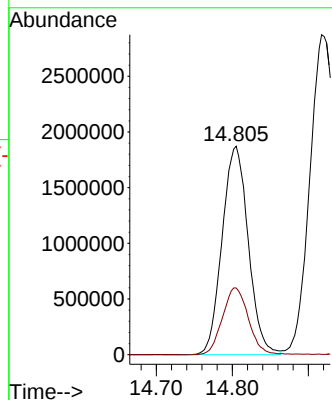
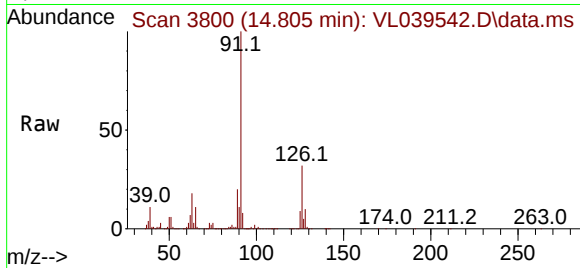
#71
2-Chlorotoluene
Concen: 13.071 ppbv
RT: 14.805 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4471400
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.5

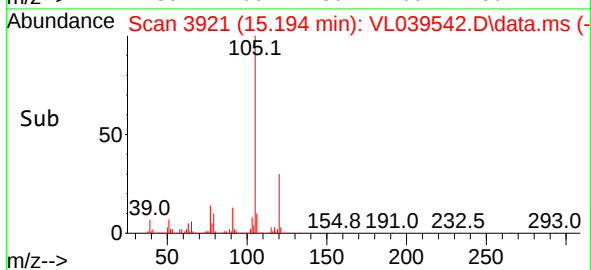
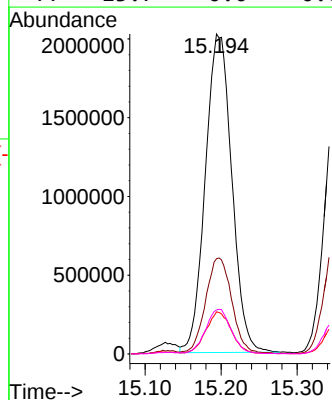
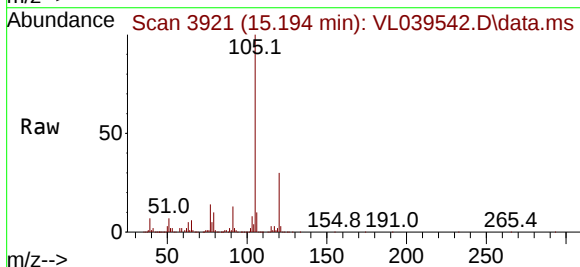
Manual Integrations
APPROVED

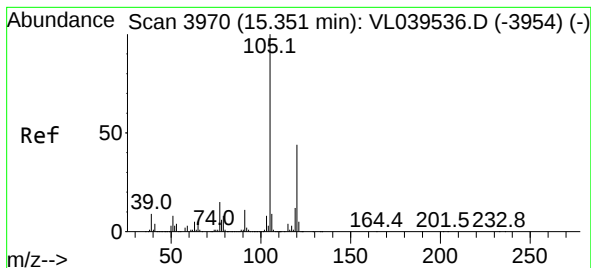
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022



#72
4-Ethyltoluene
Concen: 13.244 ppbv
RT: 15.194 min Scan# 3921
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

Tgt Ion:105 Resp: 4897671
Ion Ratio Lower Upper
105 100
120 31.1 0.0 0.0#
91 12.6 0.0 0.0#
77 13.7 0.0 0.0#





#73

1,3,5-Trimethylbenzene

Concen: 12.991 ppbv

RT: 15.358 min Scan# 3970

Delta R.T. 0.007 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 4393414

Ion Ratio Lower Upper

105 100

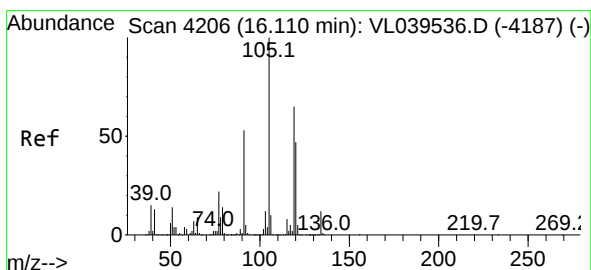
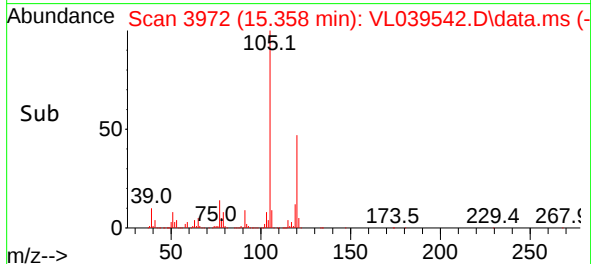
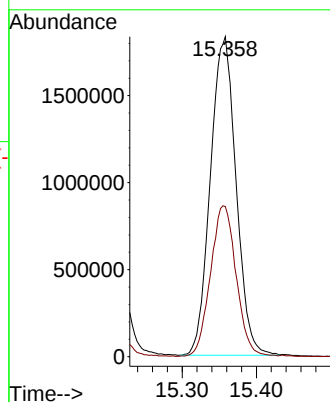
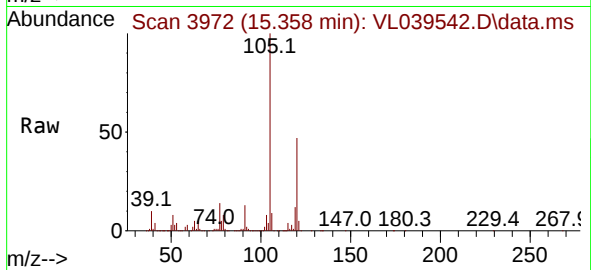
120 47.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#74

1,2,4-Trimethylbenzene

Concen: 12.427 ppbv

RT: 16.114 min Scan# 4207

Delta R.T. 0.003 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

Tgt Ion:105 Resp: 4633170

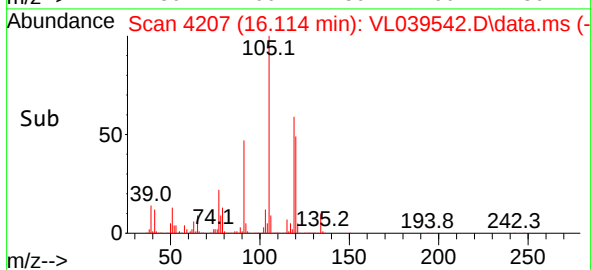
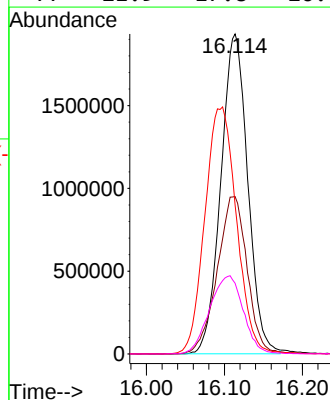
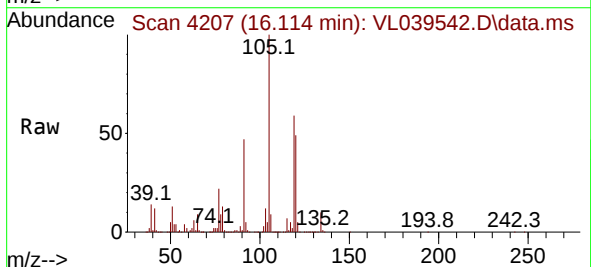
Ion Ratio Lower Upper

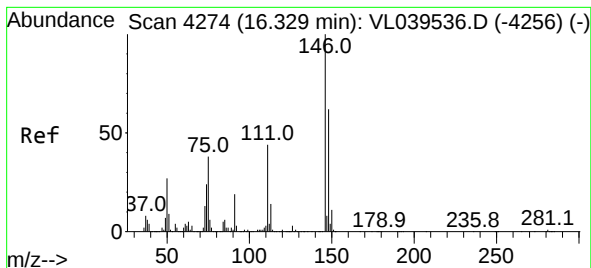
105 100

120 49.1 37.8 56.8

91 46.0 43.8 65.6

77 21.9 17.8 26.6





#75

1,3-Dichlorobenzene

Concen: 12.918 ppbv

RT: 16.332 min Scan# 4320

Delta R.T. 0.003 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:146 Resp: 287243

Ion Ratio Lower Upper

146 100

111 45.4 22.9 68.5

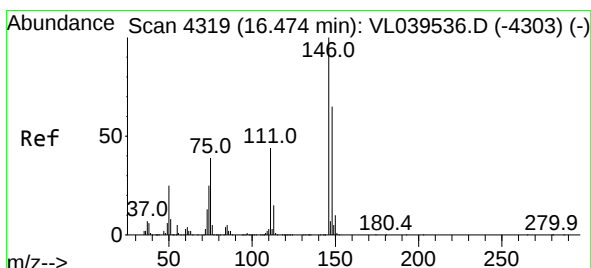
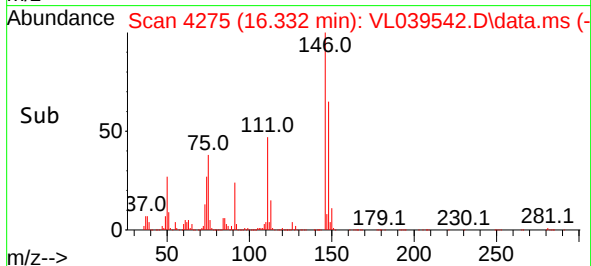
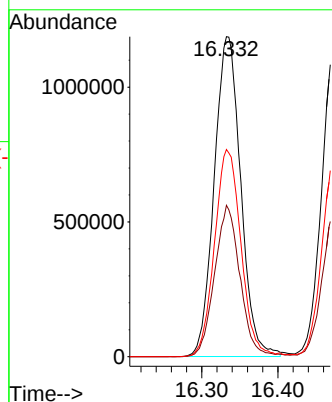
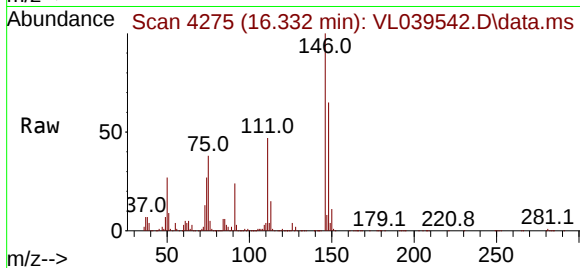
148 64.8 32.4 97.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#76

1,4-Dichlorobenzene

Concen: 12.637 ppbv

RT: 16.477 min Scan# 4320

Delta R.T. 0.003 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

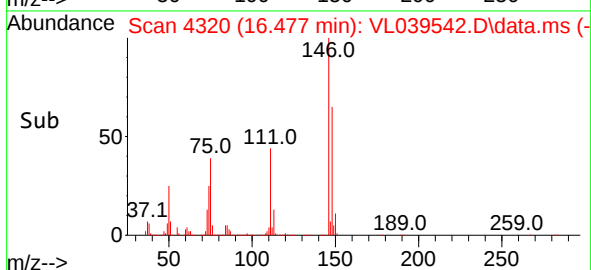
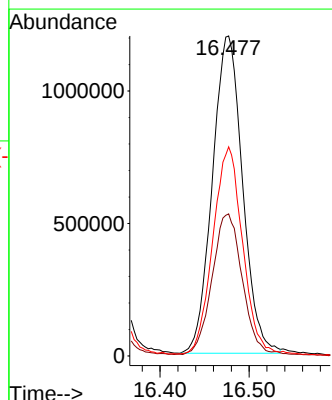
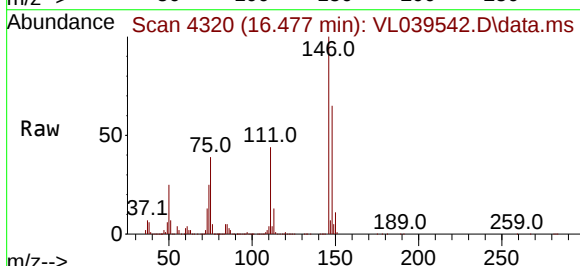
Tgt Ion:146 Resp: 2818197

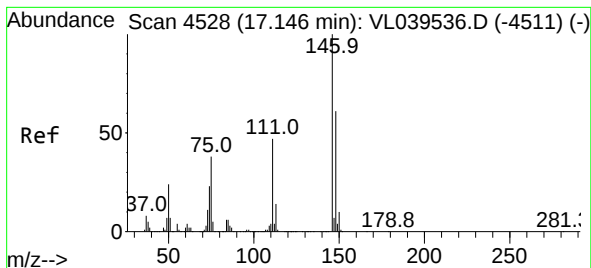
Ion Ratio Lower Upper

146 100

111 45.9 22.3 66.8

148 66.1 31.5 94.5





#77

1,2-Dichlorobenzene

Concen: 12.619 ppbv

RT: 17.146 min Scan# 4528

Delta R.T. 0.000 min

Lab File: VL039542.D

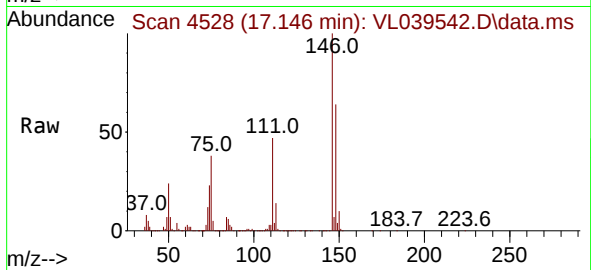
Acq: 17 Aug 2022 7:32

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:146 Resp: 277514

Ion Ratio Lower Upper

146 100

111 47.2 23.9 71.8

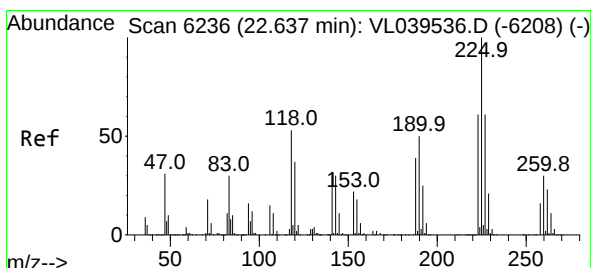
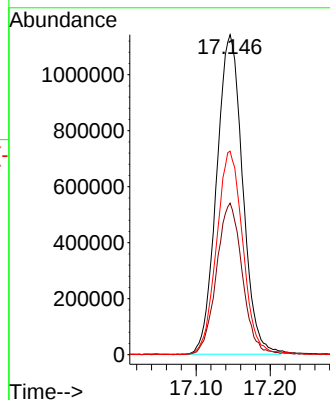
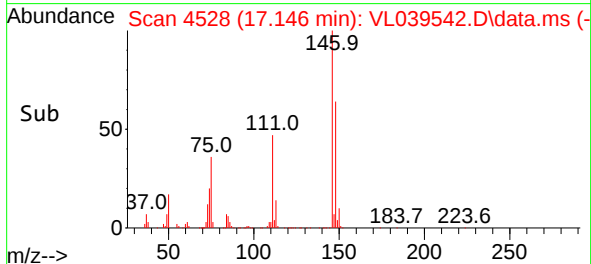
148 64.5 32.6 97.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/18/2022

Supervised By :Mahesh Dadoda 08/19/2022



#78

Hexachloro-1,3-Butadiene

Concen: 11.430 ppbv

RT: 22.634 min Scan# 6235

Delta R.T. -0.003 min

Lab File: VL039542.D

Acq: 17 Aug 2022 7:32

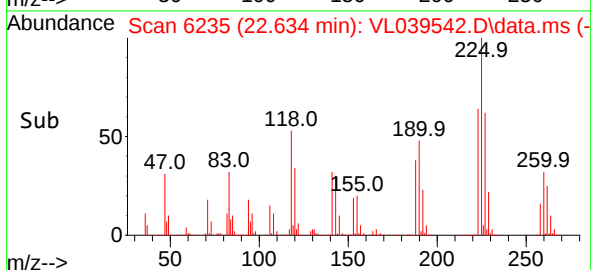
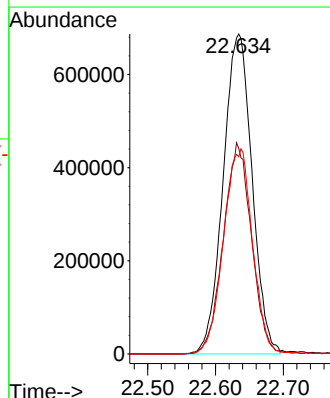
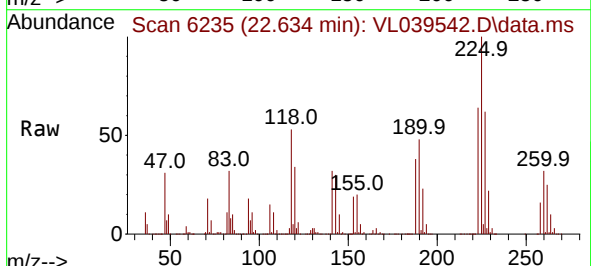
Tgt Ion:225 Resp: 2036567

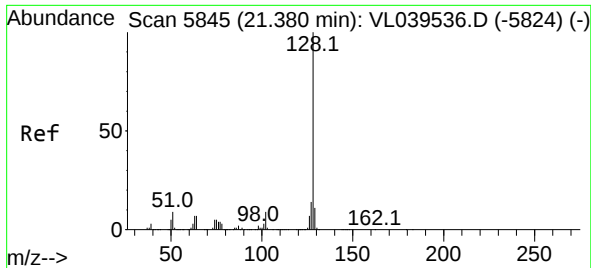
Ion Ratio Lower Upper

225 100

223 64.5 0.0 0.0#

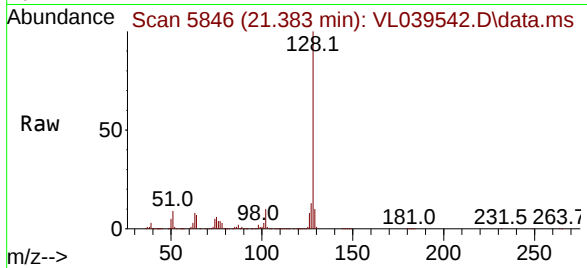
227 64.8 0.0 0.0#





#79
Naphthalene
Concen: 16.567 ppbv
RT: 21.383 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32

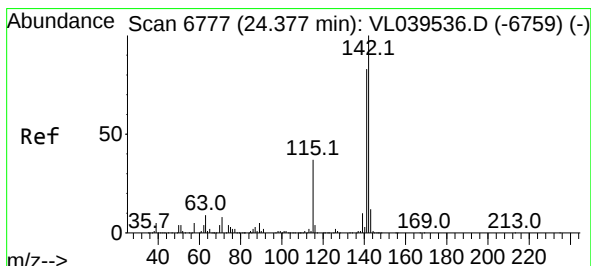
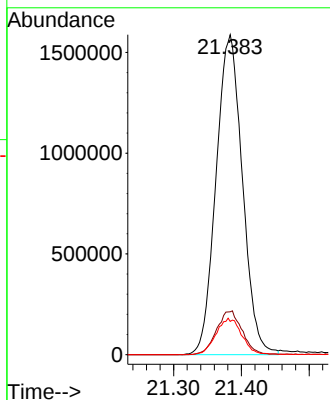
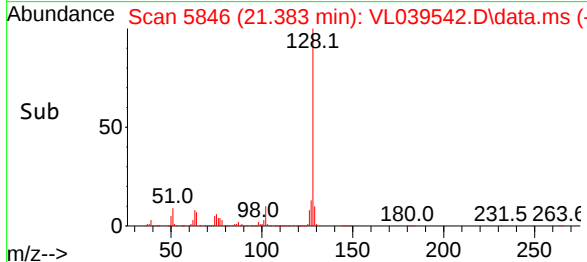
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



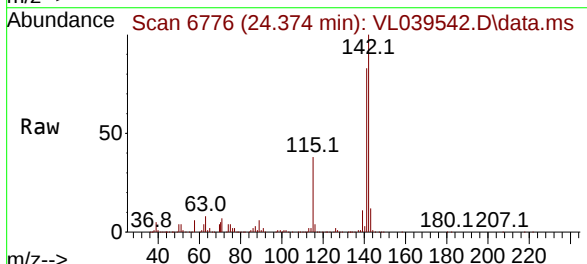
Tgt Ion:128 Resp: 4288309
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.4 9.1 13.7

Manual Integrations
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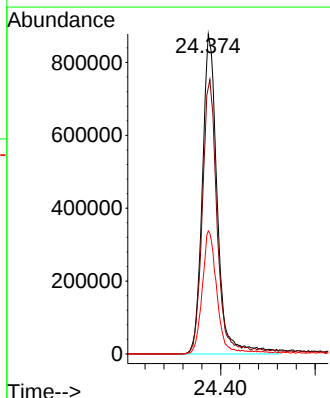
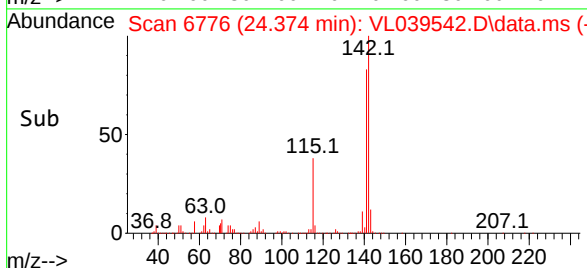
Reviewed By :Semsettin Yesilyurt 08/18/2022
Supervised By :Mahesh Dadoda 08/19/2022

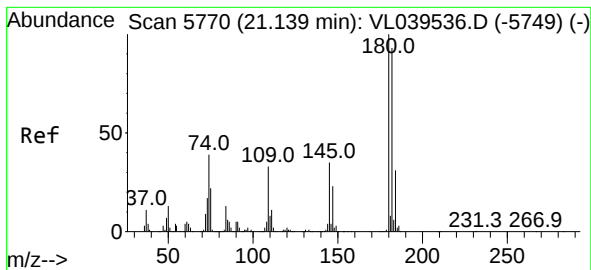


#80
Naphthalene,2-methyl-
Concen: 20.887 ppbv
RT: 24.374 min Scan# 6776
Delta R.T. -0.003 min
Lab File: VL039542.D
Acq: 17 Aug 2022 7:32



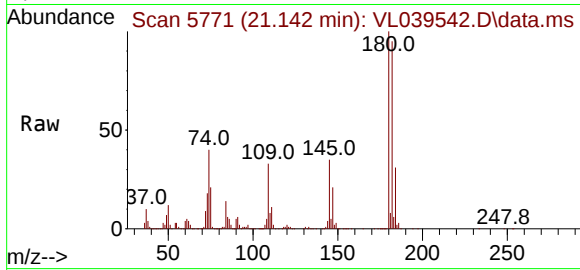
Tgt Ion:142 Resp: 1932634
Ion Ratio Lower Upper
142 100
141 83.9 0.0 0.0#
115 38.6 0.0 0.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 14.164 ppbv
 RT: 21.142 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL039542.D
 Acq: 17 Aug 2022 7:32

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 237888
 Ion Ratio Lower Upper
 180 100
 182 98.2 0.0 0.0
 184 31.1 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022
 Supervised By :Mahesh Dadoda 08/19/2022

