

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL083122\
 Data File : VL039605.D
 Acq On : 31 Aug 2022 12:25
 Operator : SY/AP
 Sample : VL0831ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/01/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Aug 31 23:44:21 2022

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

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

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.217	49	1011546	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.674	114	2667057	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.487	117	2571344m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 1845385 9.513 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.758	85	946826	7.034	ppbv	100
3) Chlorodifluoromethane	2.703	51	1181369	9.802	ppbv	97
4) Chloromethane	2.841	50	731403	10.076	ppbv	96
5) Vinyl Chloride	2.947	62	631057	10.771	ppbv	96
6) Bromomethane	3.147	94	250395	10.077	ppbv	99
7) Chloroethane	3.224	64	235244	10.717	ppbv	98
8) Dichlorotetrafluoroethane	2.886	85	1368355	9.502	ppbv	95
9) Propene	2.722	41	532484	9.656	ppbv	98
10) Heptane	7.600	43	1390435	10.888	ppbv	100
11) Trichlorofluoromethane	3.590	101	1484748	10.050	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.092	101	1097334	10.042	ppbv	99
13) Ethanol	3.272	45	43908m	11.079	ppbv	
14) Bromoethene	3.394	108	476705	10.677	ppbv	98
15) Acetone	3.494	43	1127077	9.947	ppbv	99
16) 1,3-Butadiene	3.012	39	607356	10.272	ppbv	100
17) tert-Butyl alcohol	3.902	59	1025492	10.604	ppbv	99
18) 1,1-Dichloroethene	3.909	96	509331	10.349	ppbv	96
19) Isopropyl Alcohol	3.600	45	613262	11.126	ppbv	99
20) Methylene Chloride	3.960	84	423223	9.194	ppbv	97
21) Allyl Chloride	4.024	41	784325	10.641	ppbv	99
22) trans-1,2-Dichloroethene	4.468	96	496369	10.140	ppbv	96
23) Vinyl Acetate	4.651	43	566604	10.516	ppbv #	98
24) 1,1-Dichloroethane	4.590	63	1034286	10.371	ppbv	98
25) Ethyl Acetate	5.227	43	2471427	10.194	ppbv	99
26) Hexane	5.237	57	1033896	10.448	ppbv	97
27) Carbon Disulfide	4.150	76	1227482	11.612	ppbv	99
28) Methyl tert-Butyl Ether	4.613	73	844635	9.894	ppbv	99
29) Chloroform	5.298	83	1573415	10.167	ppbv	93
30) Cyclohexane	6.626	84	875153	10.680	ppbv	97
31) cis-1,2-Dichloroethene	5.102	61	1002615	10.460	ppbv	98
32) 1,1,1-Trichloroethane	6.028	97	1505042	11.054	ppbv	98
34) 2-Butanone	4.812	43	1439311	10.855	ppbv	97
35) Carbon Tetrachloride	6.516	117	1622011	11.251	ppbv	100
36) Benzene	6.391	78	2168681	10.667	ppbv	97
37) 1,2-Dichloroethane	5.828	62	1173501	10.479	ppbv	99
38) Trichloroethene	7.314	130	1195965	10.979	ppbv	97
39) 1,2-Dichloropropane	7.095	63	812379	10.628	ppbv	96
40) 1,4-Dioxane	7.307	88	335989	11.227	ppbv	98
41) Tetrahydrofuran	5.581	42	882133	11.137	ppbv	97
42) Bromodichloromethane	7.269	83	1689618	11.026	ppbv	97
43) Methyl Methacrylate	7.497	69	865158	11.801	ppbv	99
44) 2,2,4-Trimethylpentane	7.346	57	3628862	10.588	ppbv	99
45) t-1,3-Dichloropropene	8.728	75	815107m	12.767	ppbv	

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

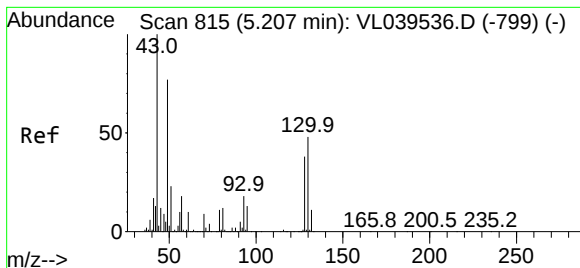
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

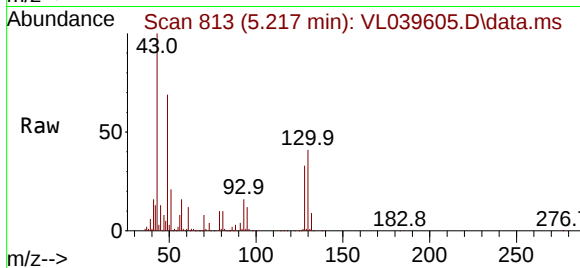
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.162	75	1119811	12.663	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	914714	10.479	ppbv	98
48) Dibromochloromethane	9.728	129	1519518	11.809	ppbv	99
49) Bromoform	12.423	173	1314923	12.337	ppbv	98
50) 4-Methyl-2-Pentanone	8.201	43	2276226	11.019	ppbv	100
51) 2-Hexanone	9.571	43	1799874	11.839	ppbv #	99
52) Tetrachloroethene	10.635	164	840453	10.927	ppbv	97
53) Toluene	9.240	91	2574238	11.314	ppbv	100
54) 1,2-Dibromoethane	10.027	107	1103041	11.297	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.529	131	1105746	10.583	ppbv	98
57) Chlorobenzene	11.545	112	1983657	10.341	ppbv	99
58) Ethyl Benzene	12.108	91	3408883	11.539	ppbv	99
59) m/p-Xylene	12.391	91	5763417m	21.745	ppbv	
60) o-Xylene	13.079	91	2755130	10.830	ppbv	99
61) Styrene	12.918	104	1698884	12.538	ppbv	99
62) Isopropylbenzene	14.050	105	4090231	10.632	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.063	83	1159401	9.623	ppbv	99
64) n-propylbenzene	14.937	120	1069257	10.694	ppbv	97
65) tert-Butylbenzene	16.108	119	3669290	10.730	ppbv	99
66) Benzyl Chloride	16.345	91	358096	12.891	ppbv	99
67) sec-Butylbenzene	16.654	105	5097231	10.523	ppbv	99
69) p-Isopropyltoluene	17.014	119	4277158	10.638	ppbv	99
70) n-Butylbenzene	17.902	91	4312009	10.779	ppbv	99
71) 2-Chlorotoluene	14.818	91	3003978	10.781	ppbv	100
72) 4-Ethyltoluene	15.210	105	3362775	11.304	ppbv	99
73) 1,3,5-Trimethylbenzene	15.371	105	2972975	10.936	ppbv	97
74) 1,2,4-Trimethylbenzene	16.124	105	3200898	10.567	ppbv	95
75) 1,3-Dichlorobenzene	16.349	146	1959915	10.642	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1915342	10.439	ppbv	98
77) 1,2-Dichlorobenzene	17.162	146	1896718	10.518	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	1387967	9.664	ppbv	99
79) Naphthalene	21.400	128	2797455	12.968	ppbv	99
80) Naphthalene,2-methyl-	24.393	142	1288903	14.722	ppbv	99
81) 1,2,4-Trichlorobenzene	21.156	180	1573172m	10.921	ppbv	

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.217 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

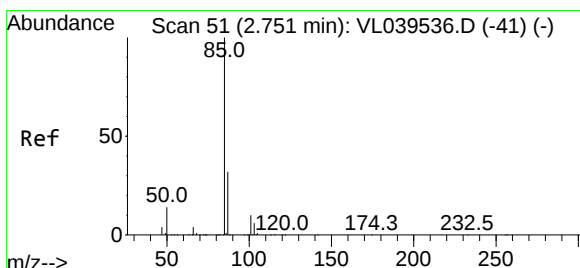
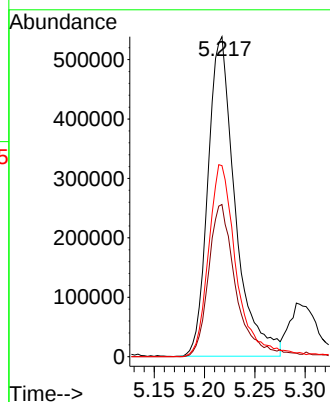
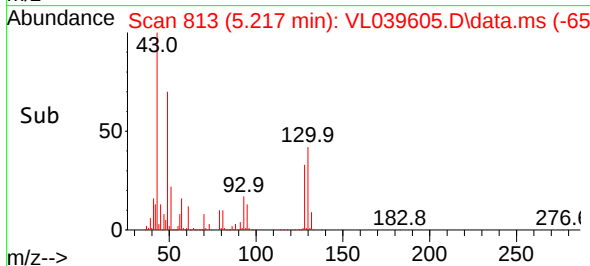
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01



Tgt Ion: 49 Resp: 1011540
 Ion Ratio Lower Upper
 49 100
 128 48.7 26.7 80.0
 130 62.6 34.3 102.8

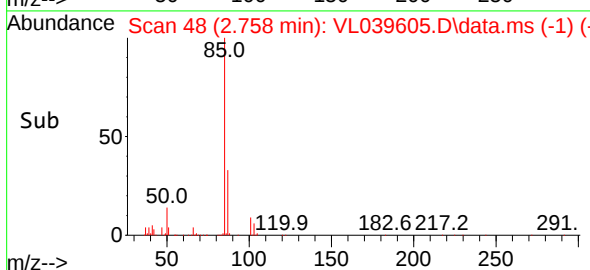
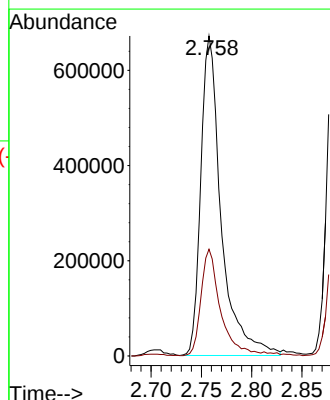
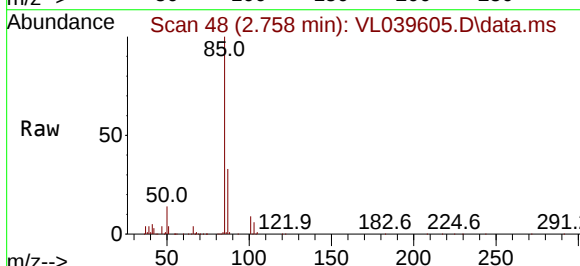
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#2
 Dichlorodifluoromethane
 Concen: 7.034 ppbv
 RT: 2.758 min Scan# 48
 Delta R.T. 0.007 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

Tgt Ion: 85 Resp: 946826
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.7 40.1





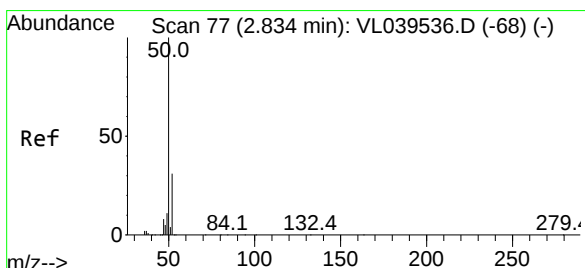
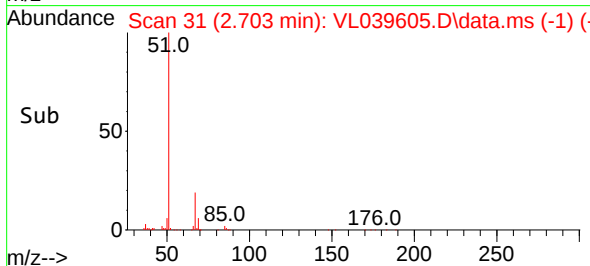
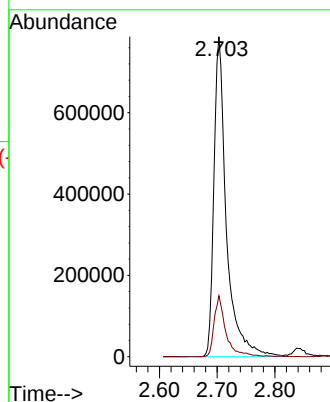
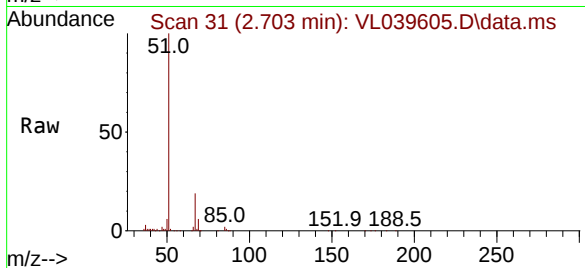
#3
Chlorodifluoromethane
Concen: 9.802 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 51 Resp: 1181369
Ion Ratio Lower Upper
51 100
67 18.1 15.7 23.5

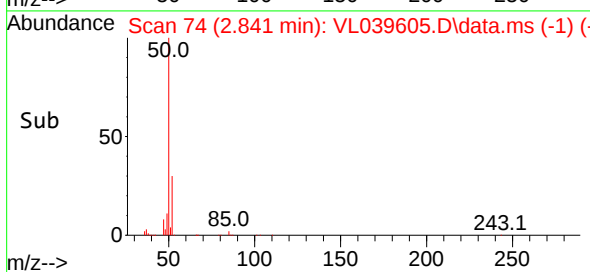
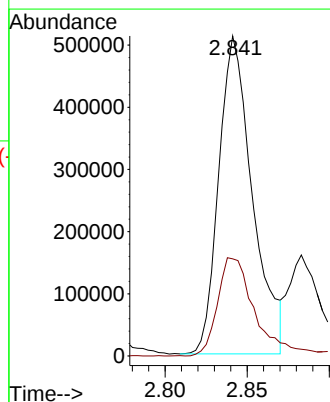
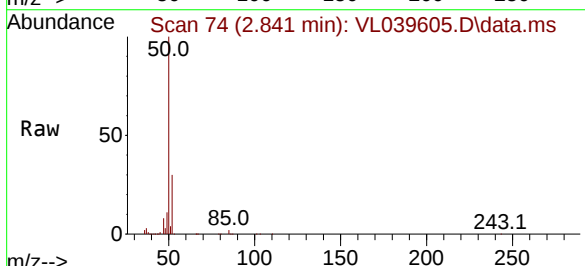
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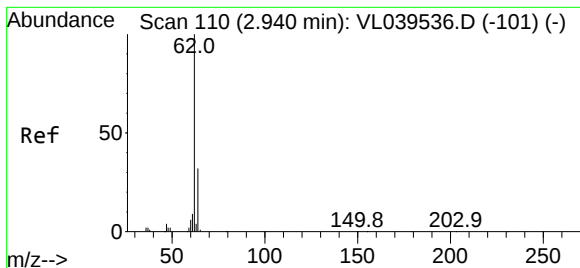
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Chloromethane
Concen: 10.076 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.007 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 50 Resp: 731403
Ion Ratio Lower Upper
50 100
52 30.7 26.5 39.7





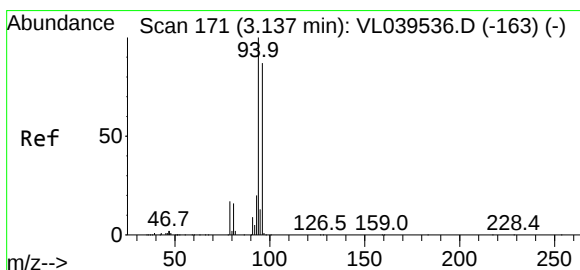
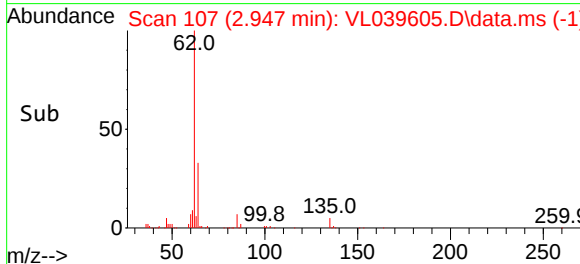
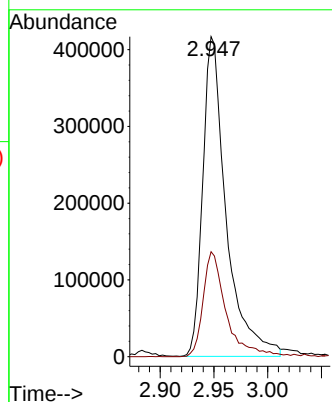
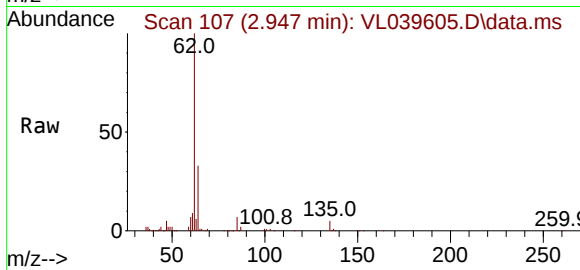
#5
 Vinyl Chloride
 Concen: 10.771 ppbv
 RT: 2.947 min Scan# 110
 Delta R.T. 0.007 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01

Tgt Ion: 62 Resp: 63105
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.6 36.8

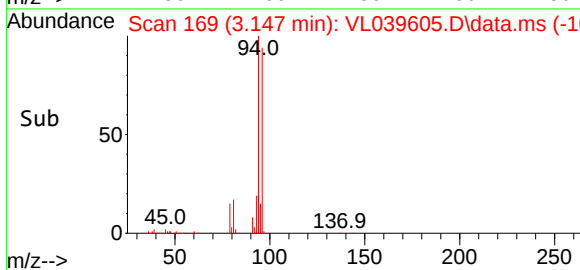
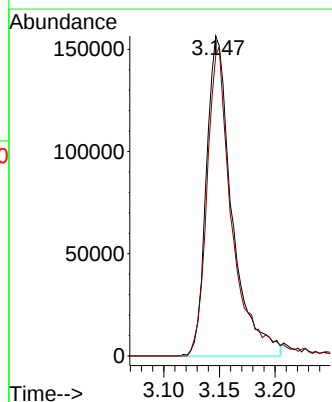
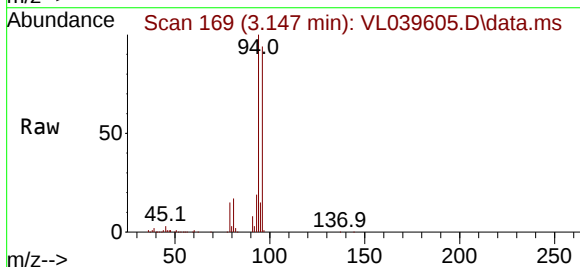
Manual Integrations
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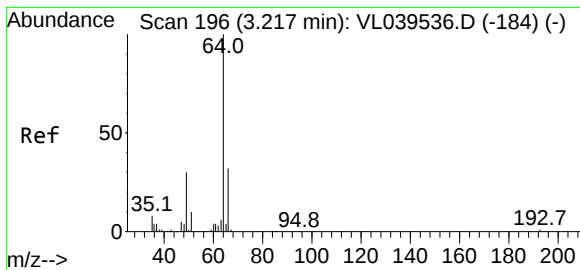
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#6
 Bromomethane
 Concen: 10.077 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.010 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

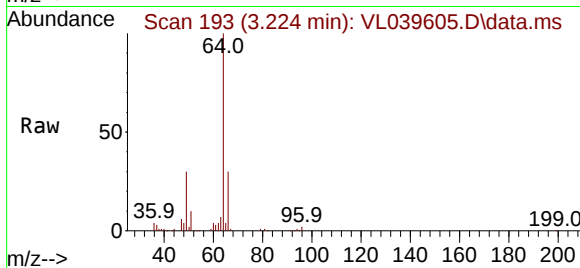
Tgt Ion: 94 Resp: 250395
 Ion Ratio Lower Upper
 94 100
 96 93.9 75.6 113.4





#7
Chloroethane
Concen: 10.717 ppbv
RT: 3.224 min Scan# 196
Delta R.T. 0.007 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

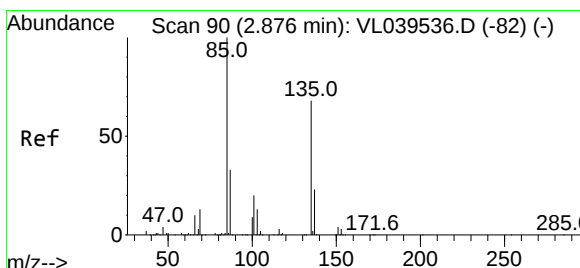
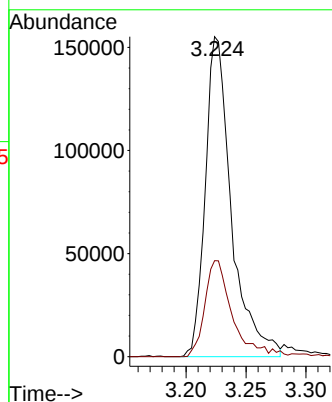
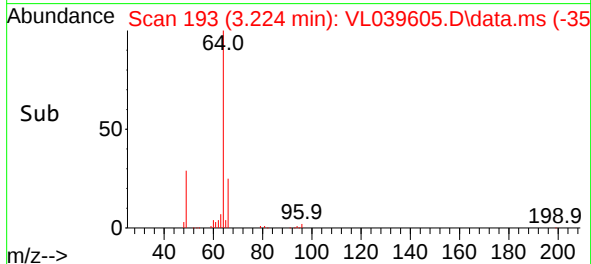
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



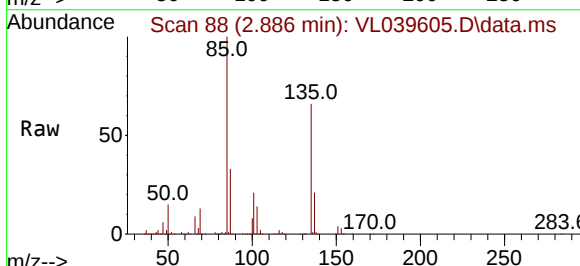
Tgt Ion: 64 Resp: 235244
Ion Ratio Lower Upper
64 100
66 30.0 24.7 37.1

Manual Integrations
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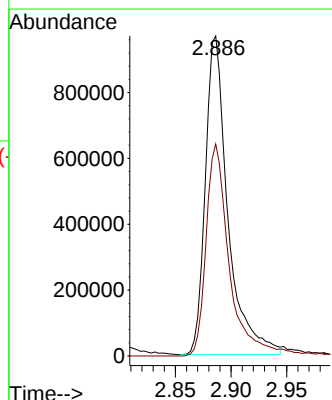
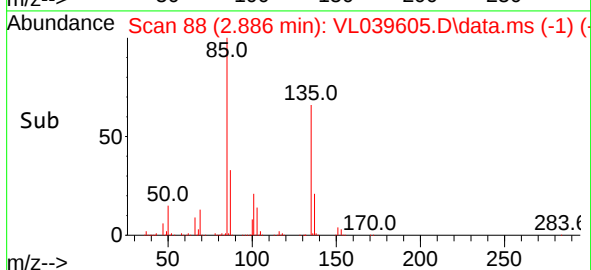
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#8
Dichlorotetrafluoroethane
Concen: 9.502 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



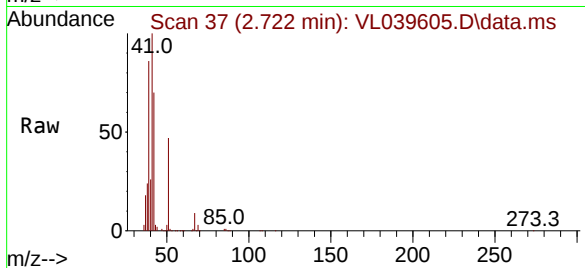
Tgt Ion: 85 Resp: 1368355
Ion Ratio Lower Upper
85 100
135 69.8 59.0 88.4





#9
 Propene
 Concen: 9.656 ppbv
 RT: 2.722 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

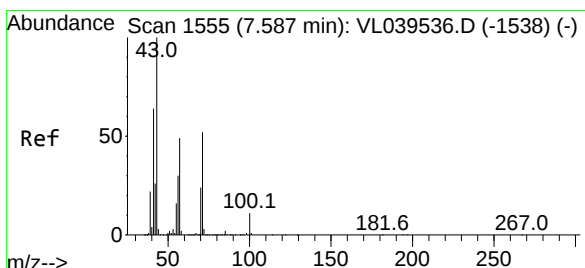
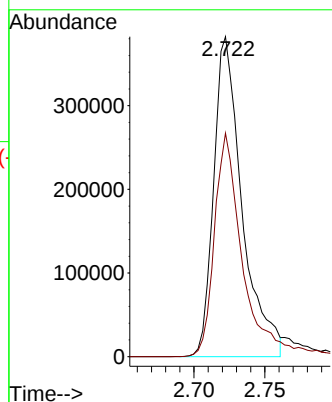
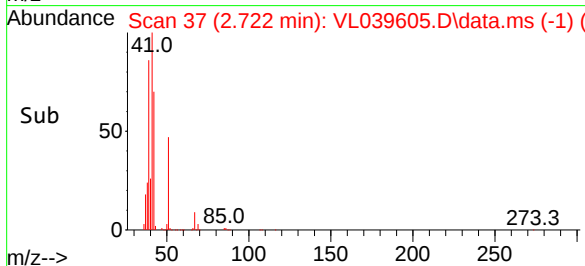
Instrument :
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 ClientSampleId :
 VL0831ABS01



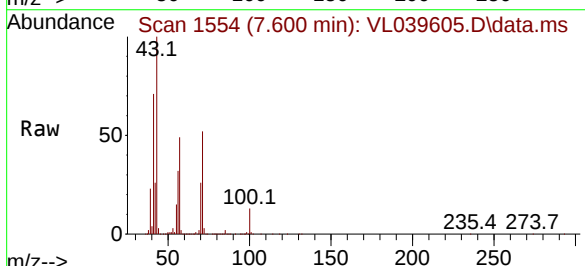
Tgt Ion: 41 Resp: 532484
 Ion Ratio Lower Upper
 41 100
 42 70.9 55.2 82.8

Manual Integrations
 APPROVED

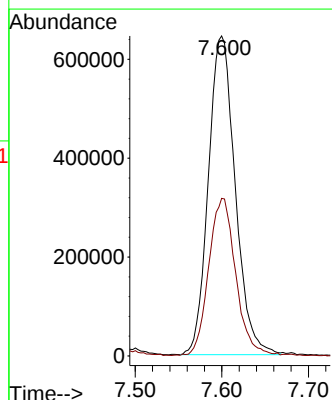
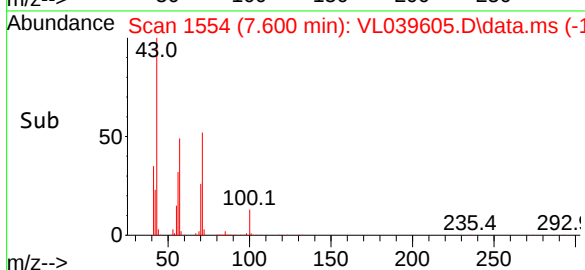
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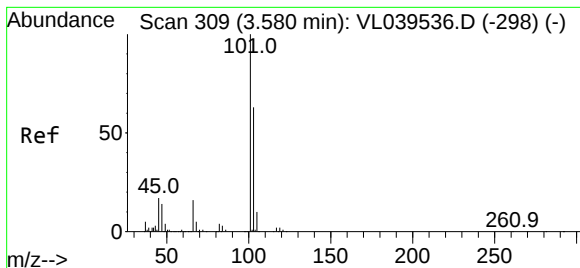


#10
 Heptane
 Concen: 10.888 ppbv
 RT: 7.600 min Scan# 1554
 Delta R.T. 0.013 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25



Tgt Ion: 43 Resp: 1390435
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.5 60.7





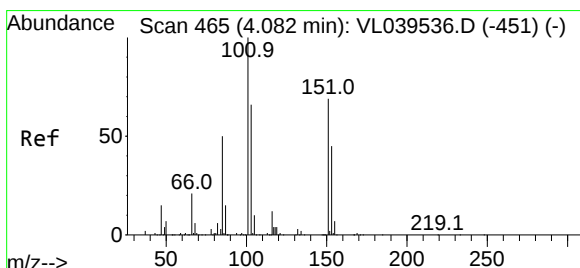
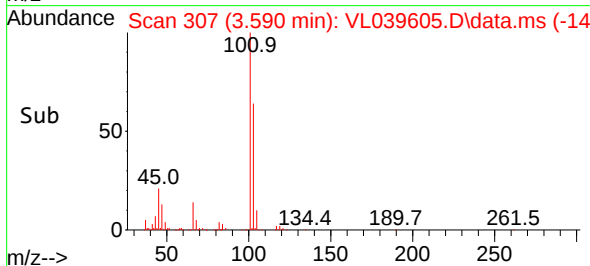
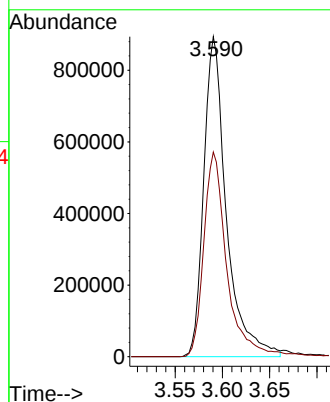
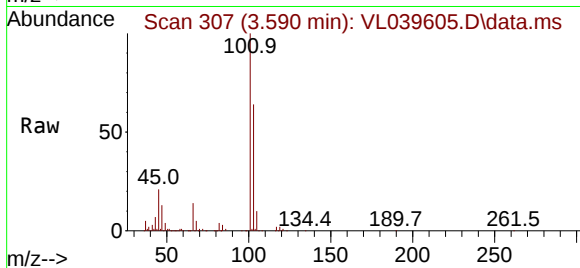
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Trichlorofluoromethane
Concen: 10.050 ppbv
RT: 3.590 min Scan# 309
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion:101 Resp: 1484748
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

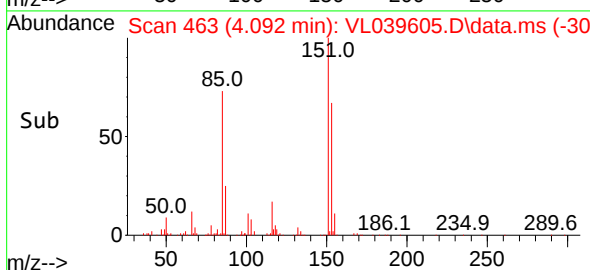
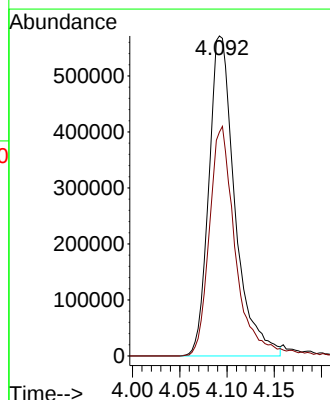
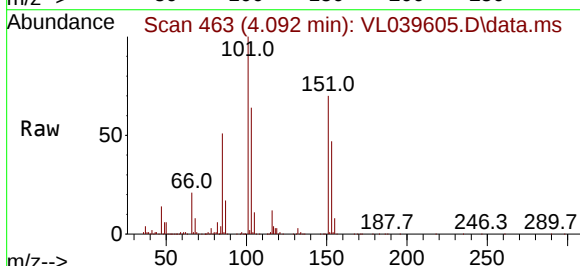
Manual Integrations
APPROVED

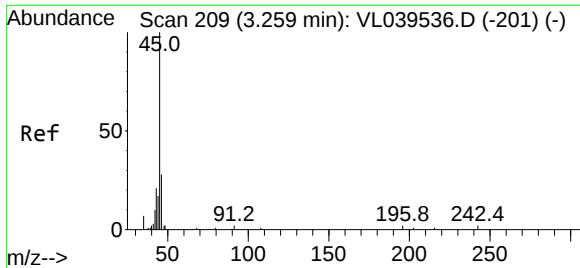
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.042 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

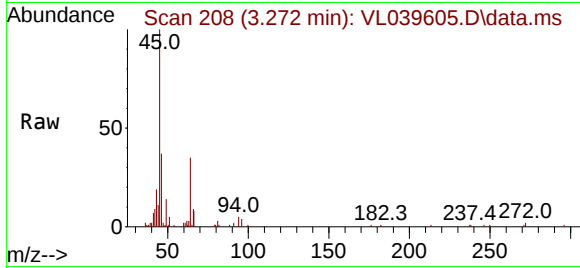
Tgt Ion:101 Resp: 1097334
Ion Ratio Lower Upper
101 100
151 72.5 58.9 88.3





#13
Ethanol
Concen: 11.079 ppbv m
RT: 3.272 min Scan# 209
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

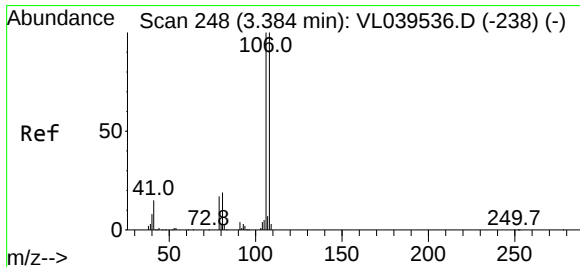
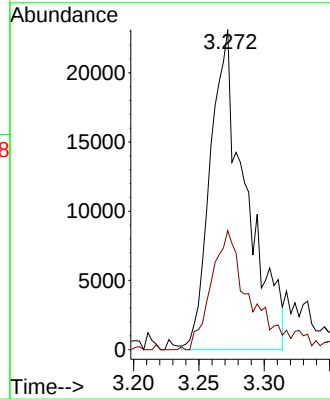
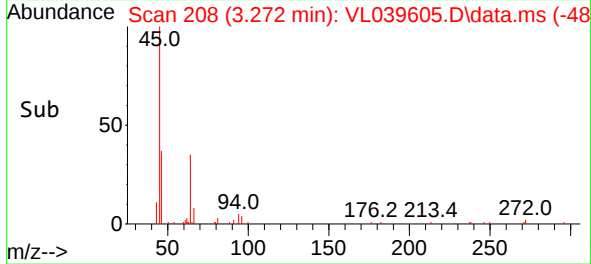
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



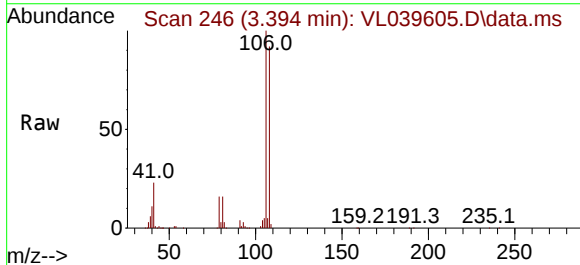
Tgt Ion: 45 Resp: 43908
Ion Ratio Lower Upper
45 100
46 43.9 22.8 91.2

Manual Integrations
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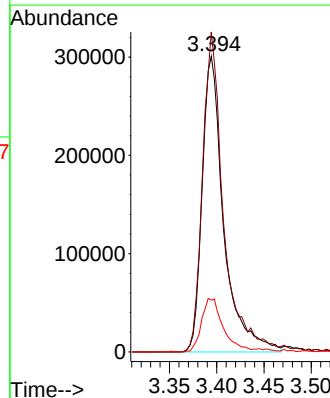
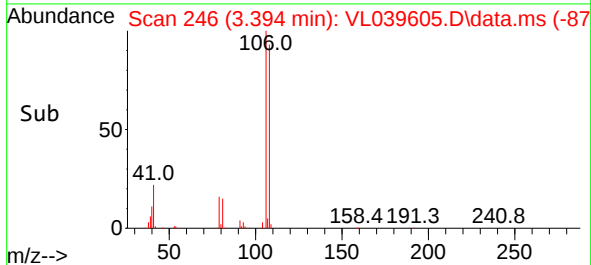
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

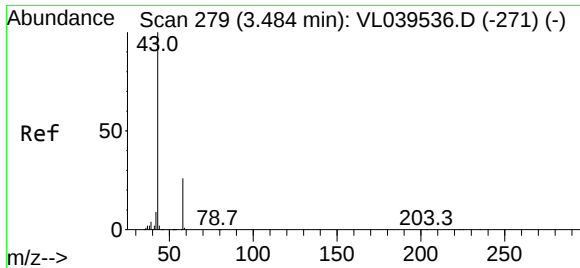


#14
Bromoethene
Concen: 10.677 ppbv
RT: 3.394 min Scan# 246
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



Tgt Ion:108 Resp: 476705
Ion Ratio Lower Upper
108 100
106 107.5 87.1 130.7
79 19.7 14.6 22.0





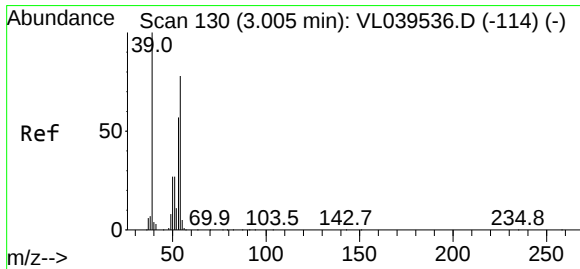
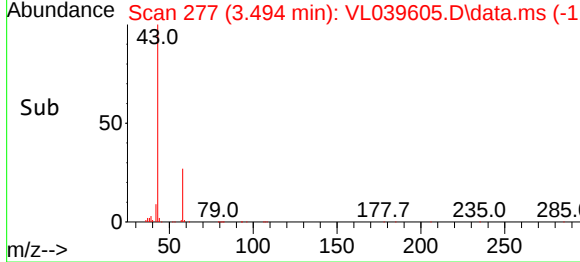
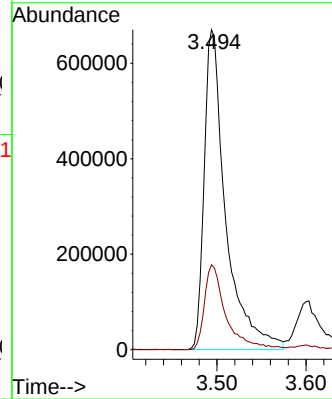
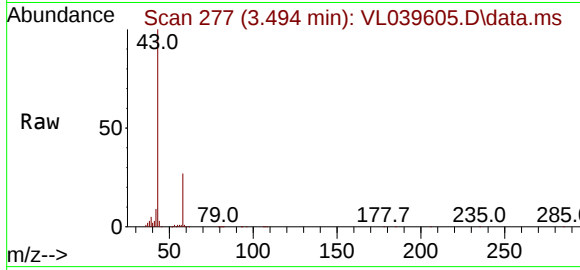
#15
Acetone
Concen: 9.947 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 43 Resp: 112707
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6

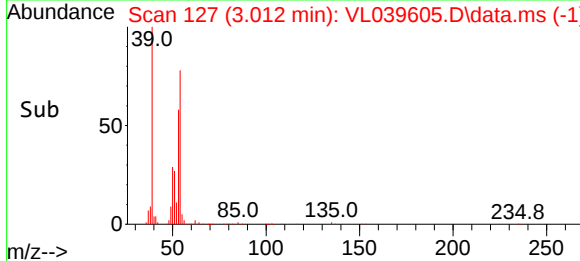
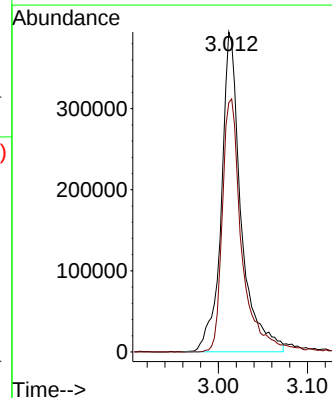
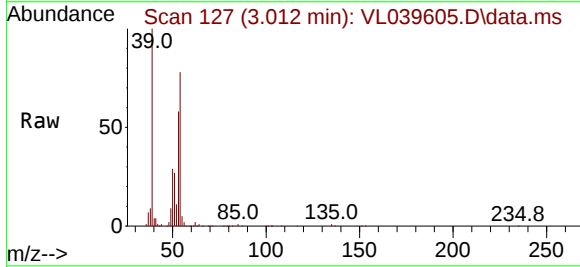
Manual Integrations
APPROVED

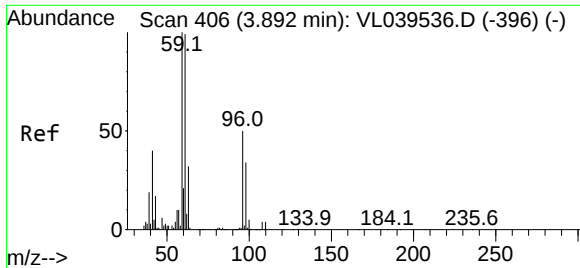
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#16
1,3-Butadiene
Concen: 10.272 ppbv
RT: 3.012 min Scan# 127
Delta R.T. 0.007 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 39 Resp: 607356
Ion Ratio Lower Upper
39 100
54 79.7 63.7 95.5





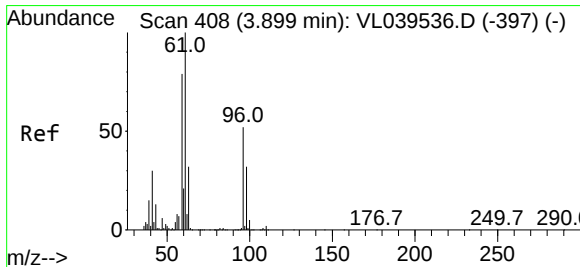
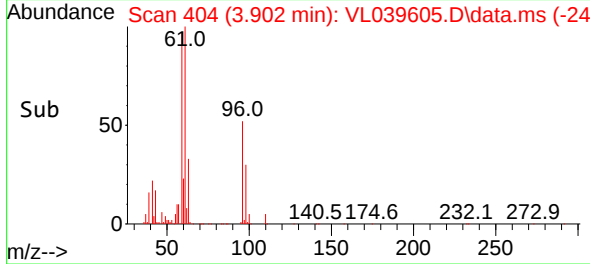
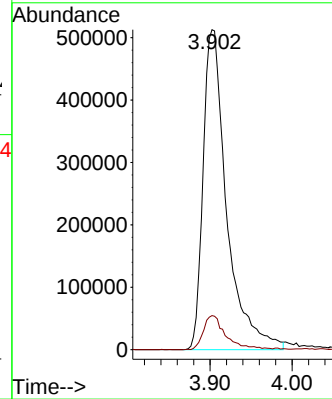
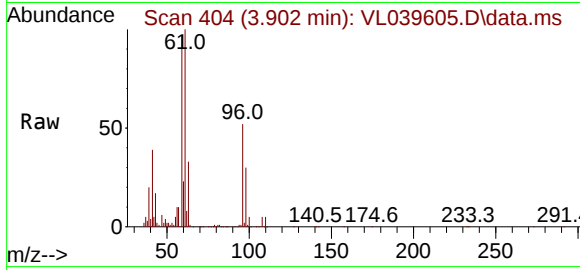
#17
tert-Butyl alcohol
Concen: 10.604 ppbv
RT: 3.902 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 59 Resp: 102549
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

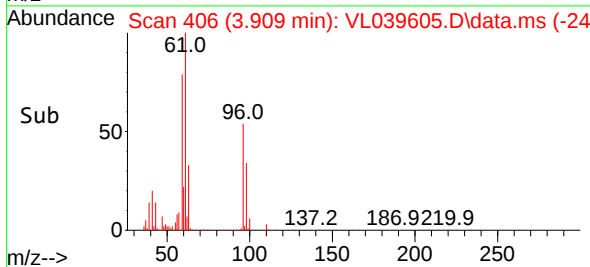
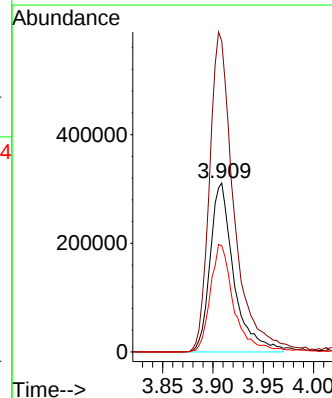
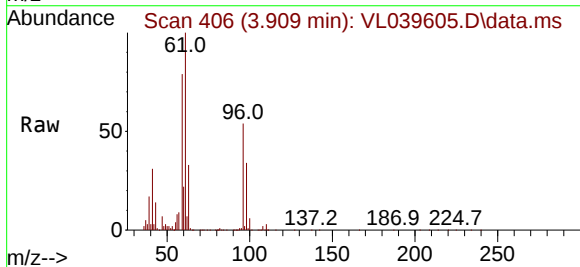
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
1,1-Dichloroethene
Concen: 10.349 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 96 Resp: 509331
Ion Ratio Lower Upper
96 100
61 183.8 152.2 228.4
98 62.8 51.8 77.6





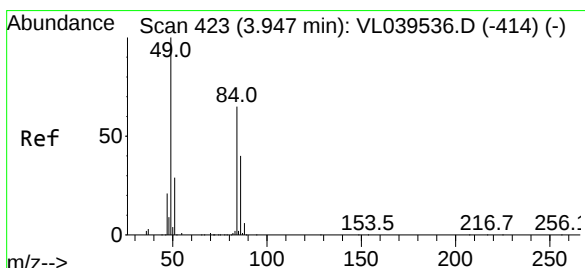
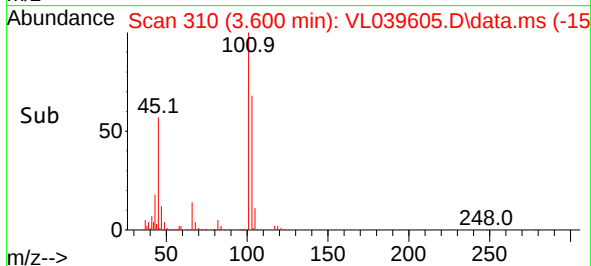
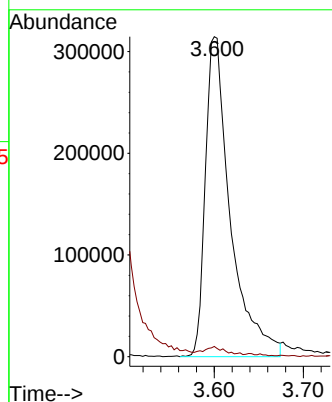
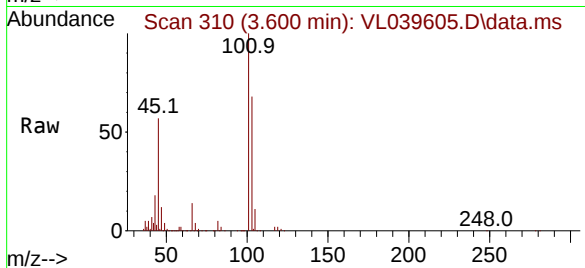
#19
Isopropyl Alcohol
Concen: 11.126 ppbv
RT: 3.600 min Scan# 312
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 45 Resp: 613262
Ion Ratio Lower Upper
45 100
58 3.7 3.2 4.8

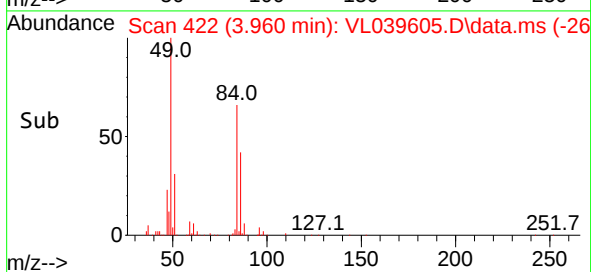
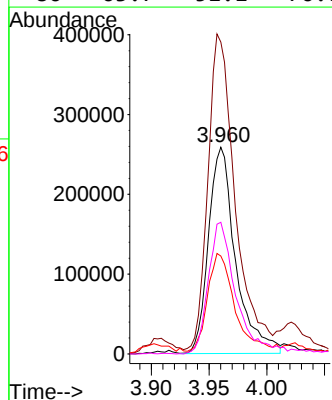
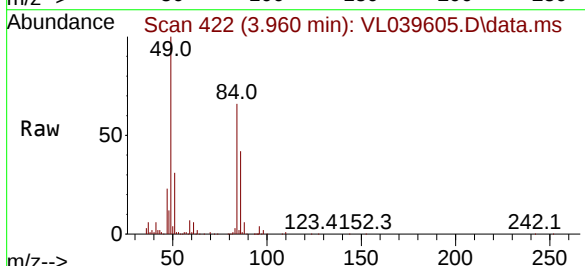
Manual Integrations
APPROVED

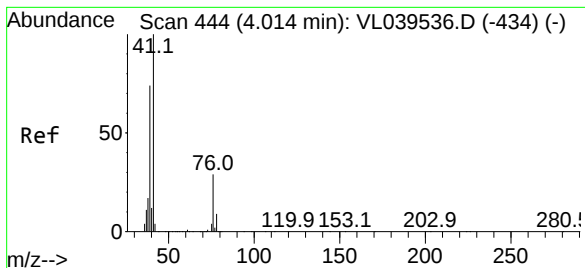
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#20
Methylene Chloride
Concen: 9.194 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

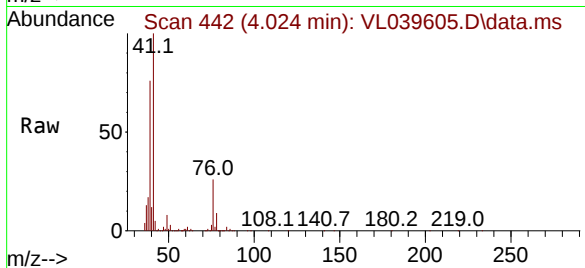
Tgt Ion: 84 Resp: 423223
Ion Ratio Lower Upper
84 100
49 148.4 123.1 184.7
51 44.8 34.4 51.6
86 63.7 51.1 76.7





#21
 Allyl Chloride
 Concen: 10.641 ppbv
 RT: 4.024 min Scan# 444
 Delta R.T. 0.010 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

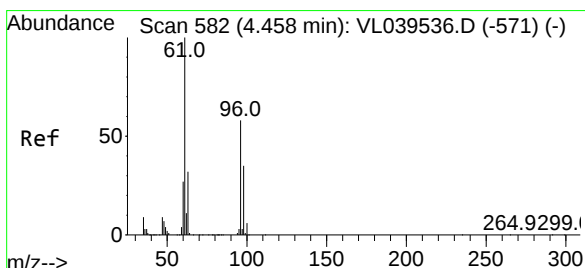
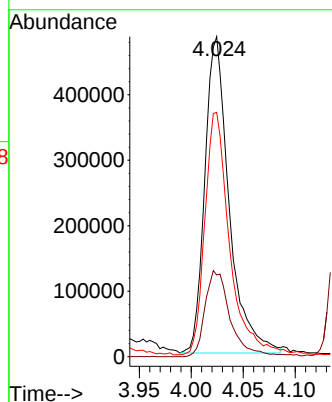
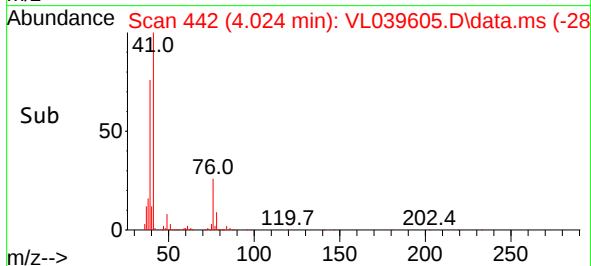
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01



Tgt Ion: 41 Resp: 784329
 Ion Ratio Lower Upper
 41 100
 76 28.5 24.4 36.6
 39 78.8 63.5 95.3

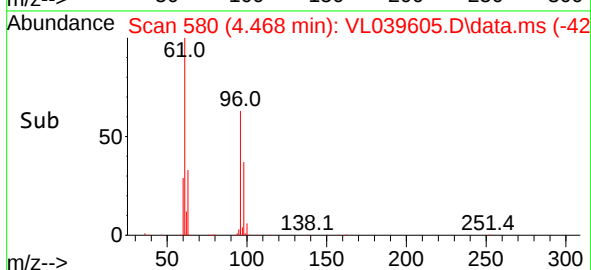
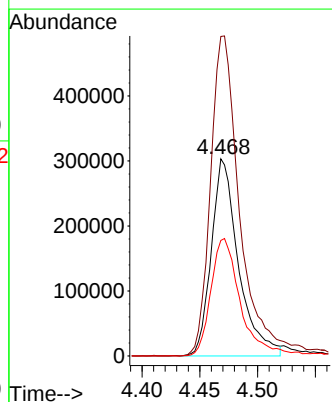
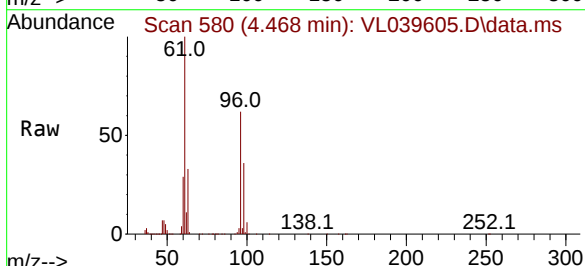
Manual Integrations
 APPROVED

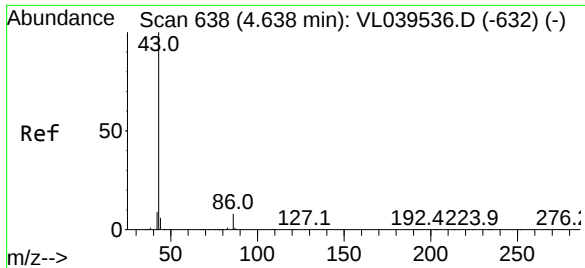
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.140 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.010 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

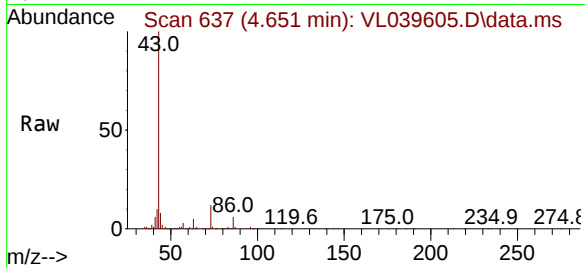
Tgt Ion: 96 Resp: 496369
 Ion Ratio Lower Upper
 96 100
 61 162.1 130.6 195.8
 98 58.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.516 ppbv
 RT: 4.651 min Scan# 618
 Delta R.T. 0.013 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

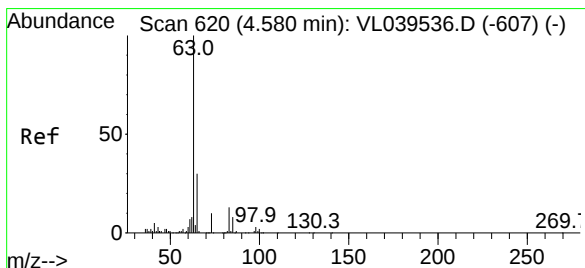
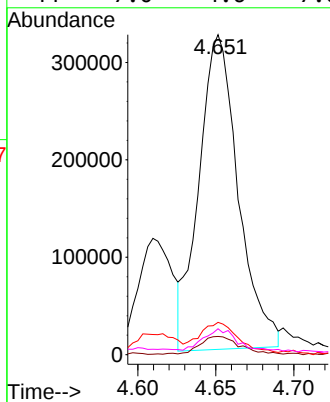
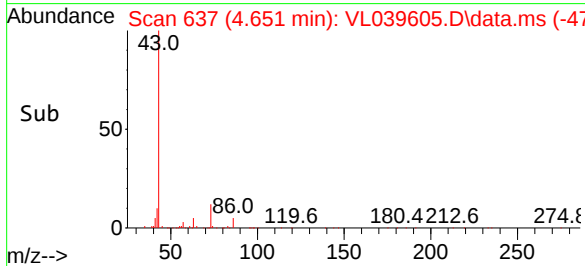
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01



Tgt Ion: 43 Resp: 566604
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.0 7.6
 42 10.2 7.7 11.5
 44 7.0 4.6 7.0#

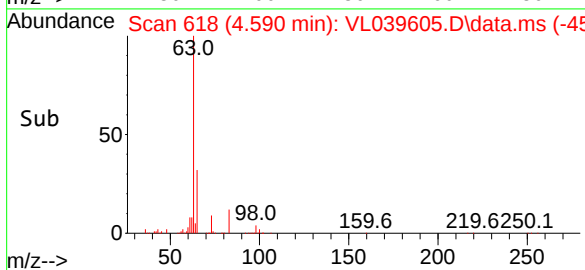
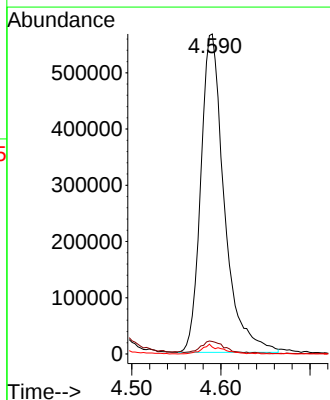
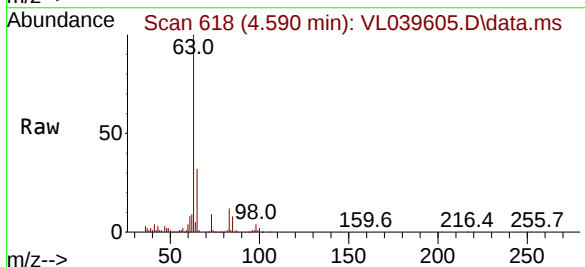
Manual Integrations
 APPROVED

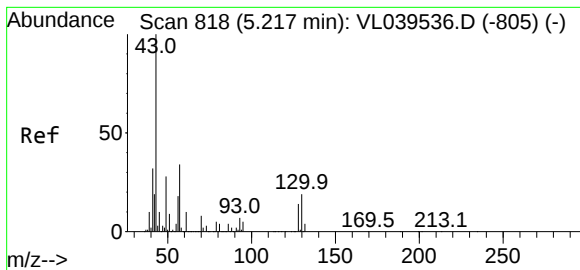
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#24
 1,1-Dichloroethane
 Concen: 10.371 ppbv
 RT: 4.590 min Scan# 618
 Delta R.T. 0.010 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

Tgt Ion: 63 Resp: 1034286
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.8 5.3
 100 2.1 1.5 4.4





#25
Ethyl Acetate
Concen: 10.194 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

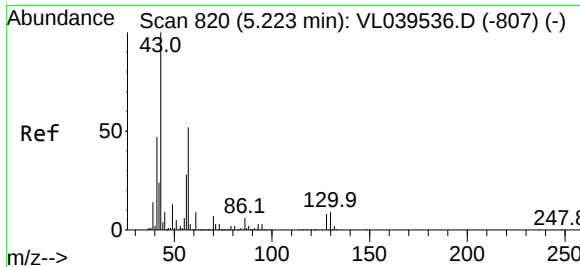
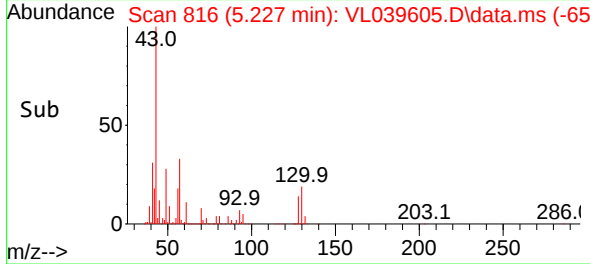
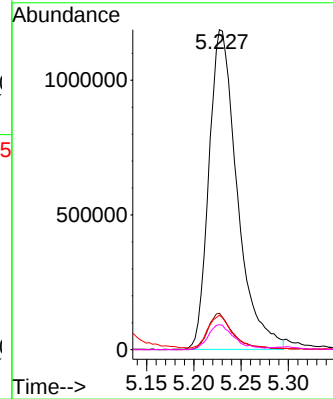
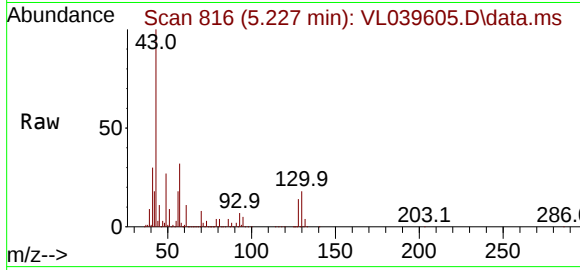
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 43 Resp: 247142

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.4
61	9.8	8.3	12.5
70	7.2	5.9	8.9

Manual Integrations
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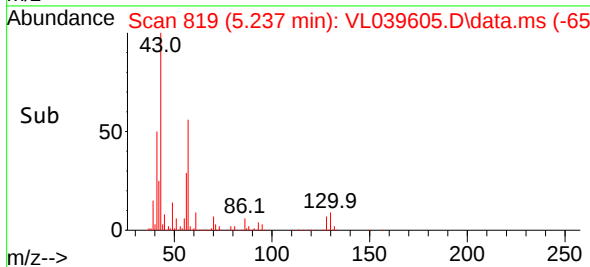
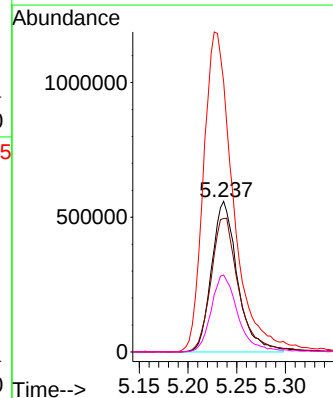
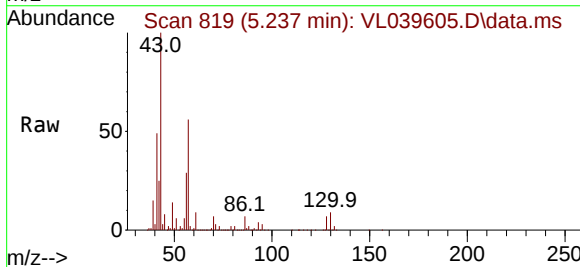
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

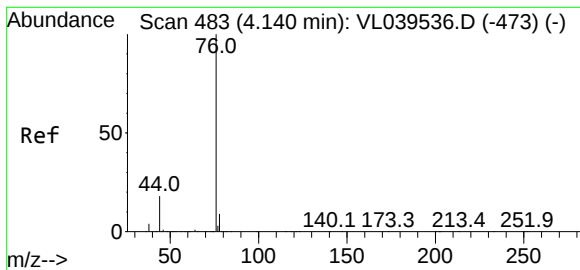


#26
Hexane
Concen: 10.448 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 57 Resp: 1033896

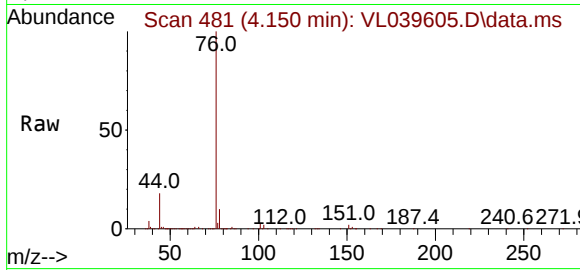
Ion	Ratio	Lower	Upper
57	100		
41	96.9	76.9	115.3
43	245.7	191.0	286.6
56	53.7	43.2	64.8





#27
Carbon Disulfide
Concen: 11.612 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

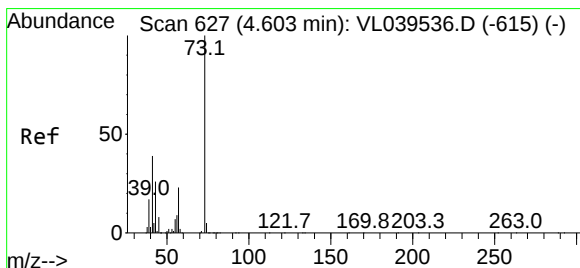
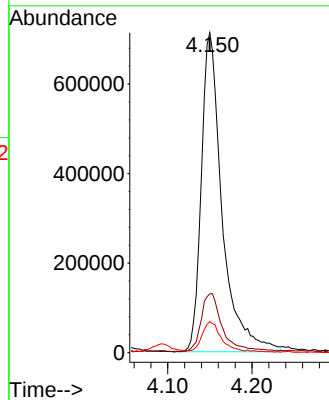
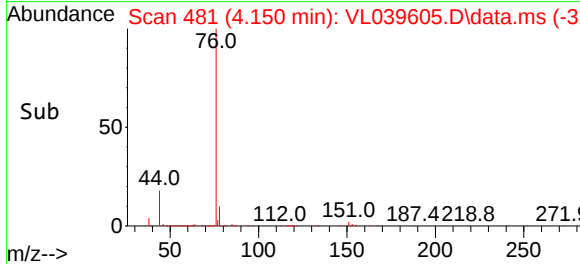
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion: 76 Resp: 122748
Ion Ratio Lower Upper
76 100
44 19.1 14.6 21.8
78 9.7 7.8 11.6

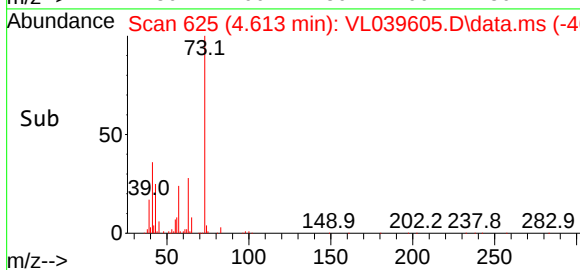
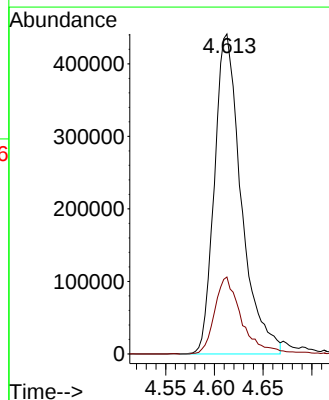
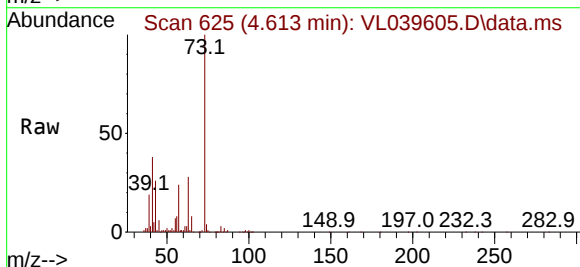
Manual Integrations
APPROVED

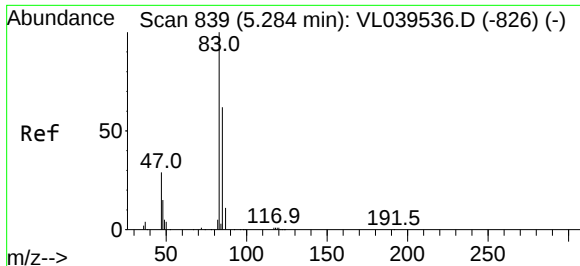
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#28
Methyl tert-Butyl Ether
Concen: 9.894 ppbv
RT: 4.613 min Scan# 625
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 73 Resp: 844635
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.8





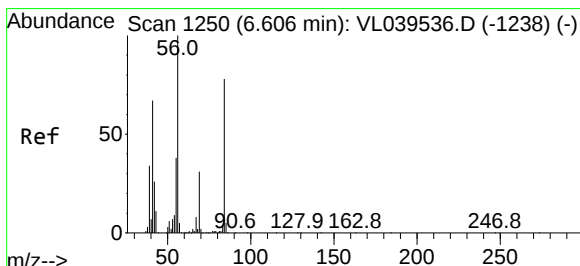
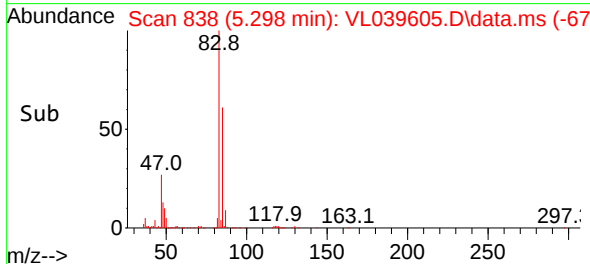
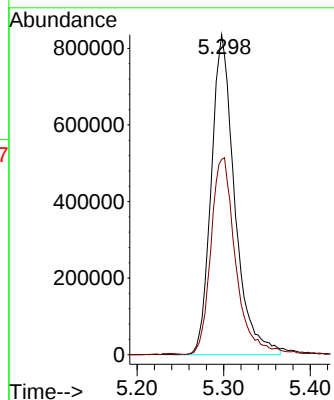
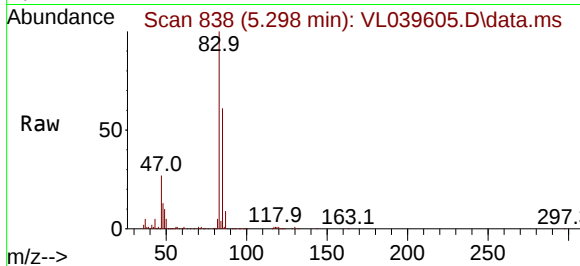
#29
Chloroform
Concen: 10.167 ppbv
RT: 5.298 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 83 Resp: 157341
Ion Ratio Lower Upper
83 100
85 60.8 52.8 79.2

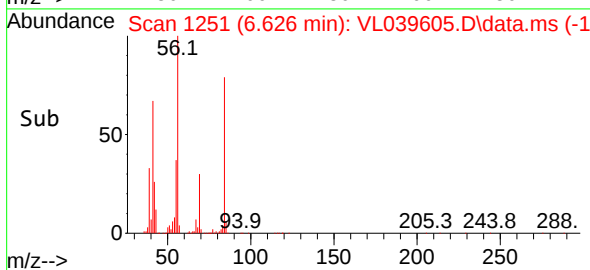
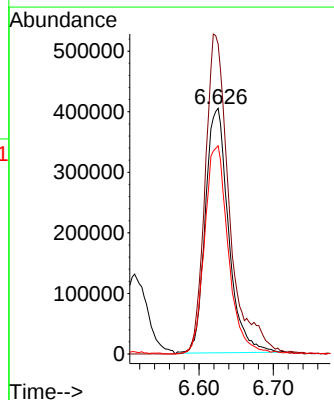
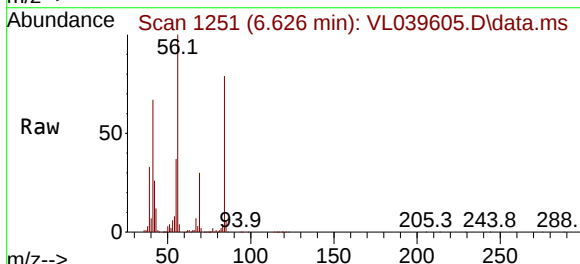
Manual Integrations
APPROVED

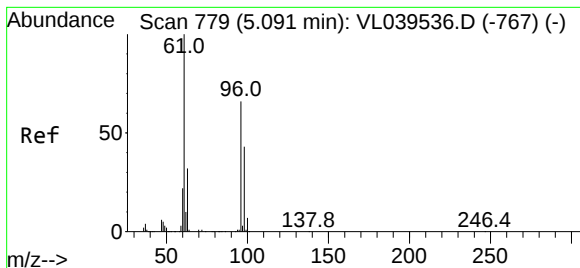
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#30
Cyclohexane
Concen: 10.680 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.020 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

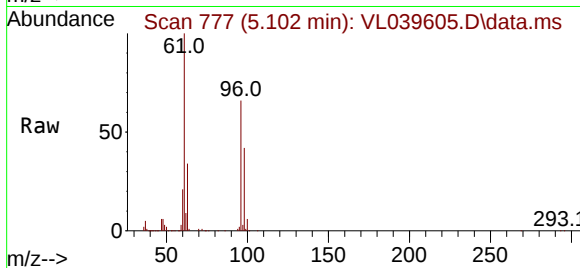
Tgt Ion: 84 Resp: 875153
Ion Ratio Lower Upper
84 100
56 137.6 107.7 161.5
41 87.9 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 10.460 ppbv
 RT: 5.102 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01

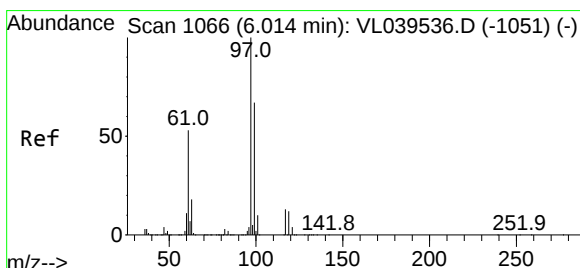
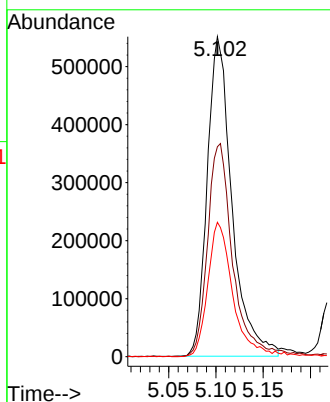
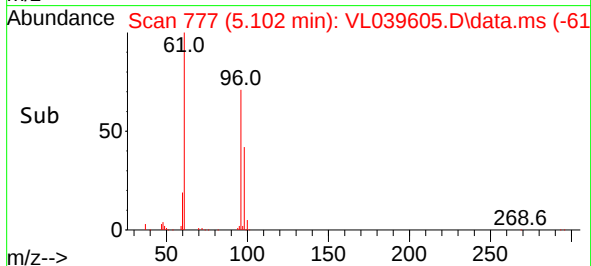


Tgt Ion: 61 Resp: 100261

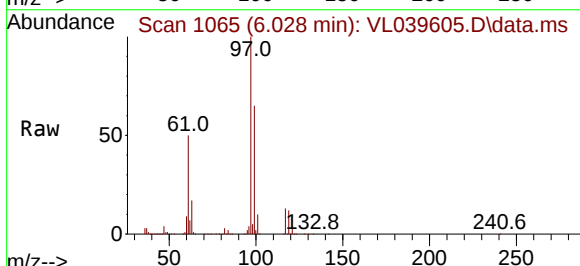
Ion	Ratio	Lower	Upper
61	100		
96	65.5	54.1	81.1
98	42.1	34.6	52.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

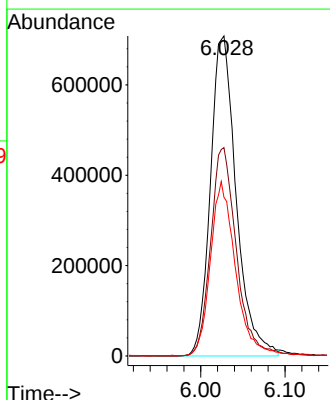
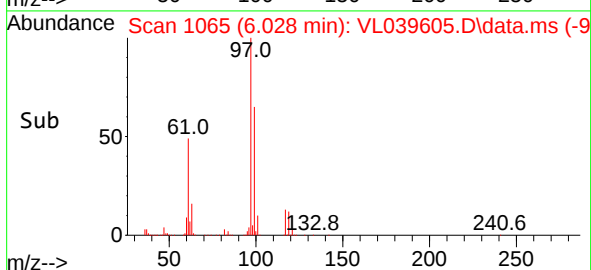


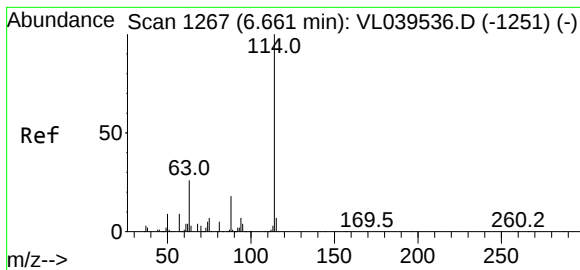
#32
 1,1,1-Trichloroethane
 Concen: 11.054 ppbv
 RT: 6.028 min Scan# 1065
 Delta R.T. 0.013 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25



Tgt Ion: 97 Resp: 1505042

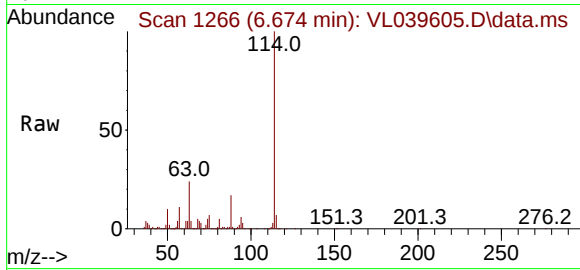
Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.3	78.5
61	53.4	40.9	61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

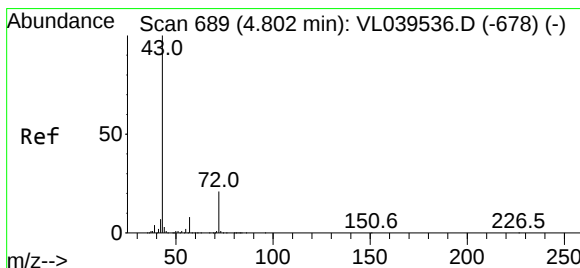
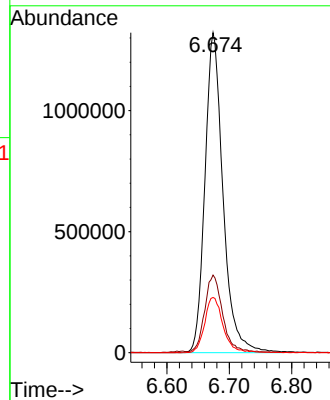
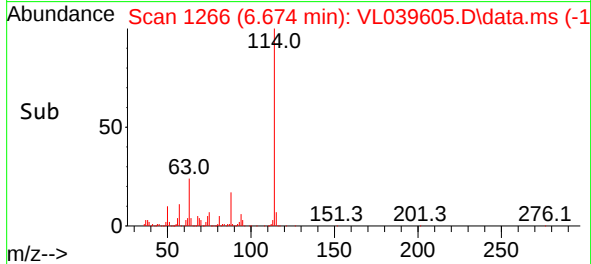
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion:114 Resp: 266705
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.4
88 17.6 14.5 21.7

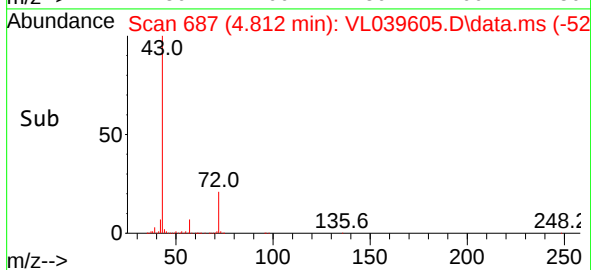
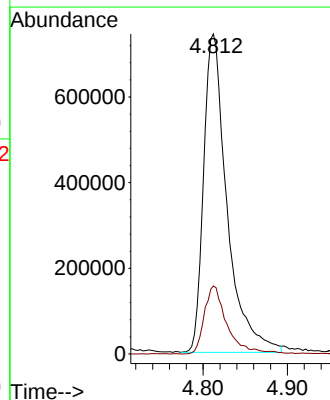
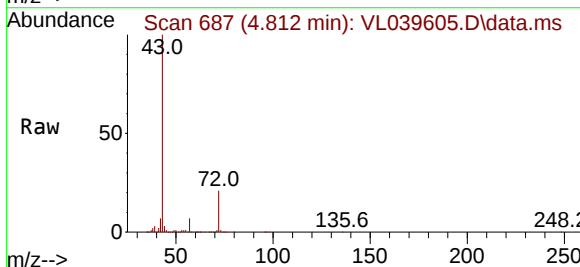
Manual Integrations
APPROVED

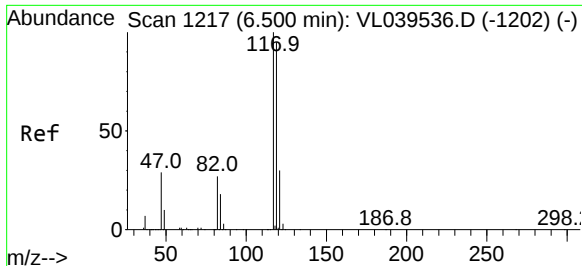
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#34
2-Butanone
Concen: 10.855 ppbv
RT: 4.812 min Scan# 687
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

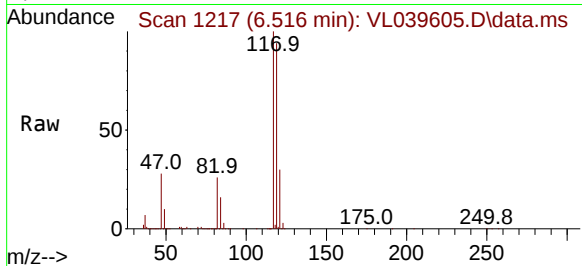
Tgt Ion: 43 Resp: 1439311
Ion Ratio Lower Upper
43 100
72 20.8 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.251 ppbv
RT: 6.516 min Scan# 117
Delta R.T. 0.017 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

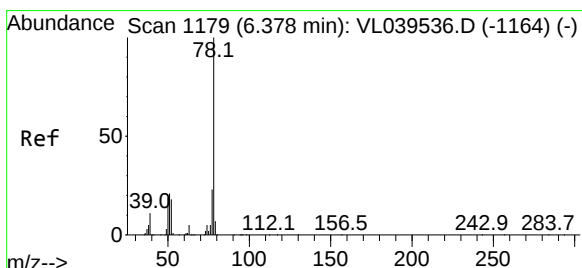
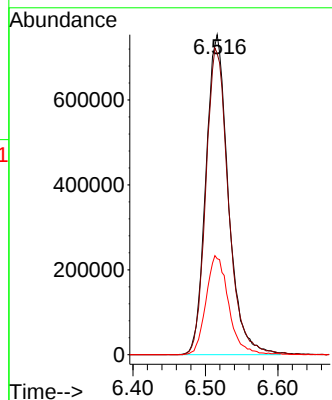
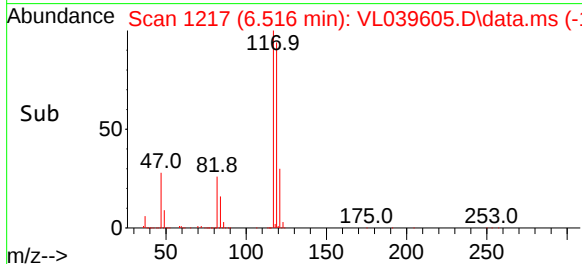
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion: 117 Resp: 162201
Ion Ratio Lower Upper
117 100
119 94.1 75.4 113.2
121 30.0 24.2 36.2

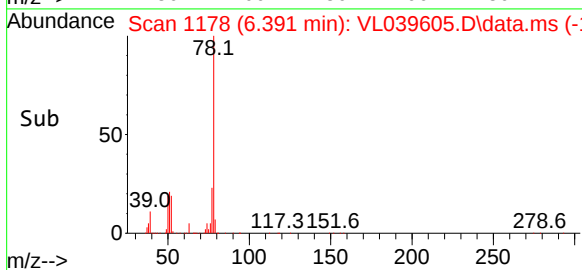
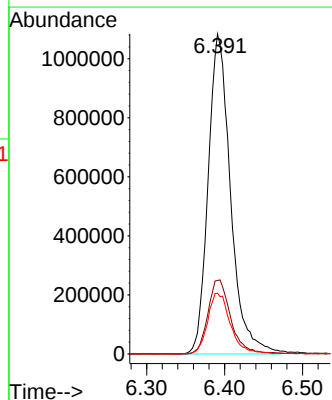
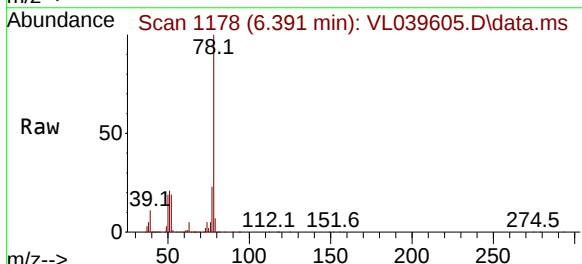
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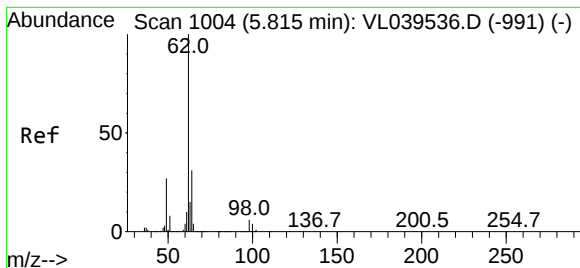
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#36
Benzene
Concen: 10.667 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 78 Resp: 2168681
Ion Ratio Lower Upper
78 100
77 22.9 20.3 30.5
50 19.0 15.5 23.3





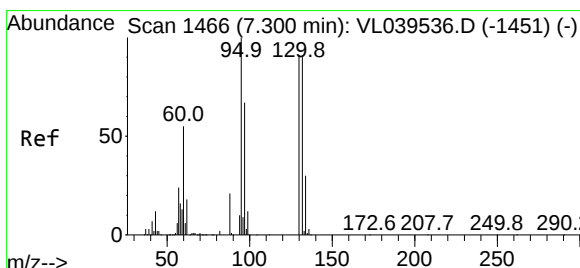
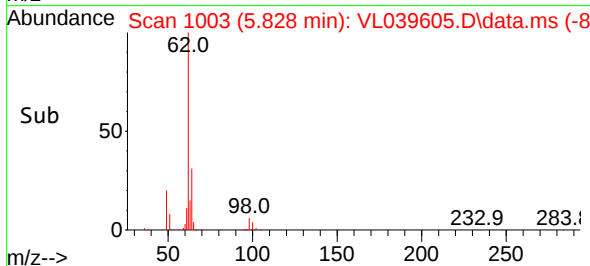
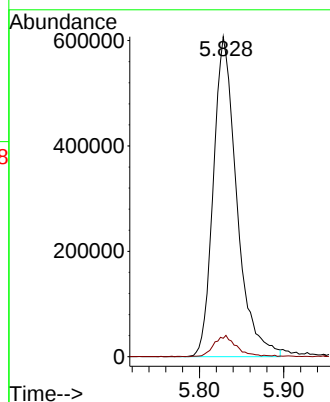
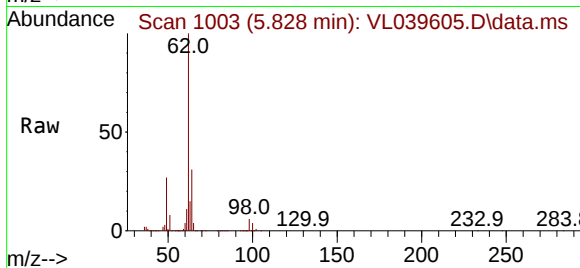
#37
1,2-Dichloroethane
Concen: 10.479 ppbv
RT: 5.828 min Scan# 1003
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 62 Resp: 117350
Ion Ratio Lower Upper
62 100
98 6.7 5.1 7.7

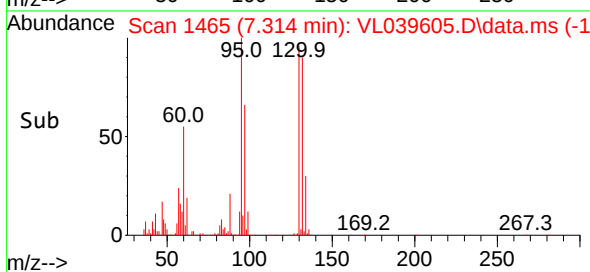
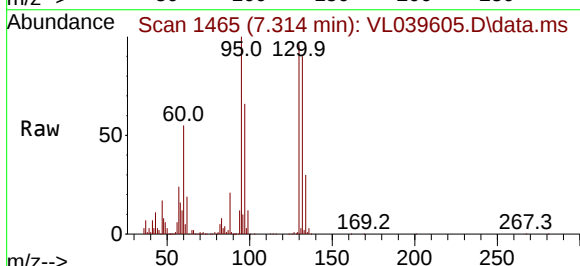
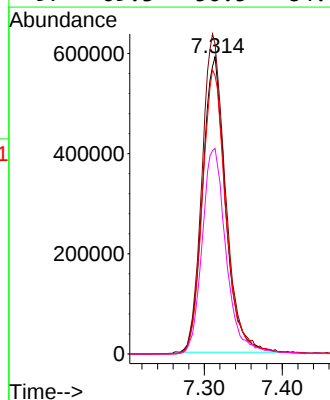
Manual Integrations
APPROVED

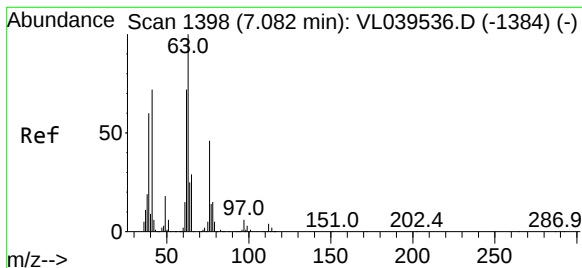
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Trichloroethene
Concen: 10.979 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

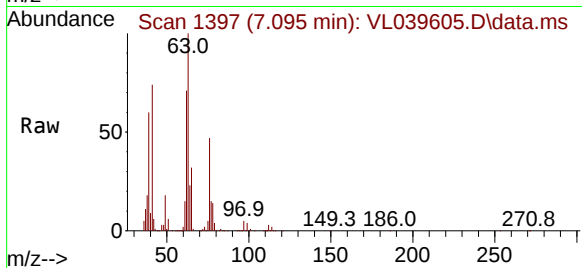
Tgt Ion:130 Resp: 1195965
Ion Ratio Lower Upper
130 100
95 104.6 87.3 130.9
132 93.9 76.7 115.1
97 69.3 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.628 ppbv
RT: 7.095 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

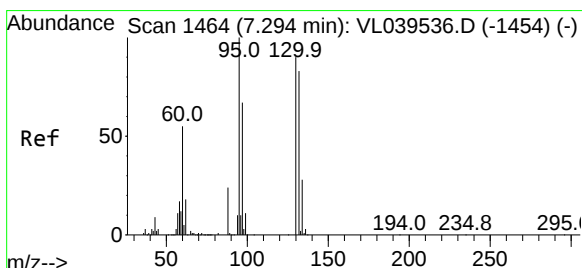
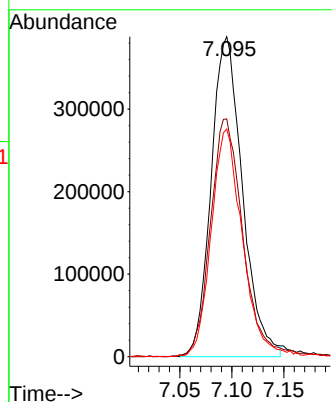
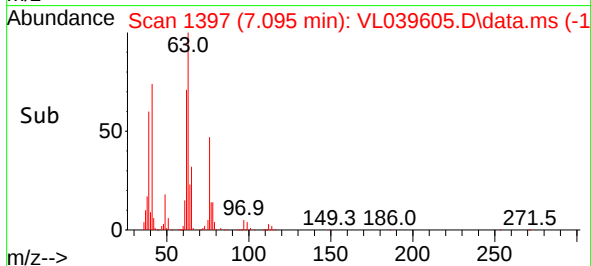
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



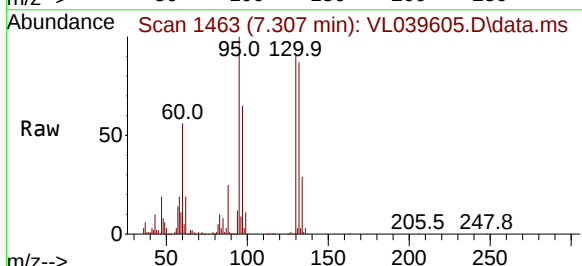
Tgt Ion: 63 Resp: 812379
Ion Ratio Lower Upper
63 100
41 73.9 59.6 89.4
62 70.5 51.4 77.0

Manual Integrations
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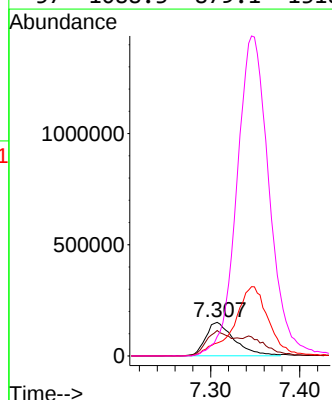
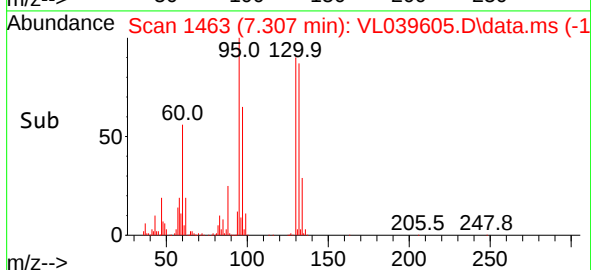
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

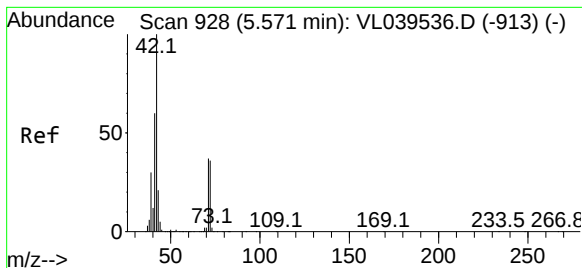


#40
1,4-Dioxane
Concen: 11.227 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



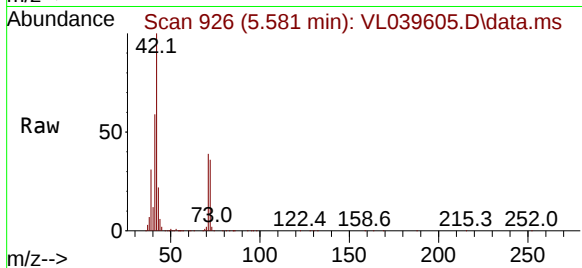
Tgt Ion: 88 Resp: 335989
Ion Ratio Lower Upper
88 100
58 123.4 100.2 150.4
43 254.5 205.8 308.6
57 1088.3 879.1 1318.7





#41
Tetrahydrofuran
Concen: 11.137 ppbv
RT: 5.581 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

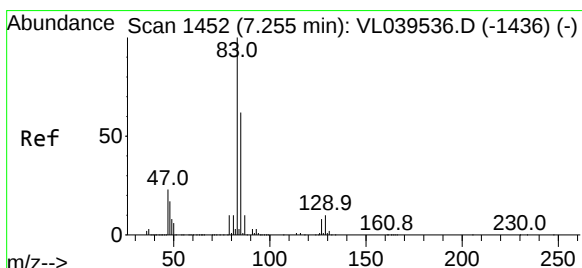
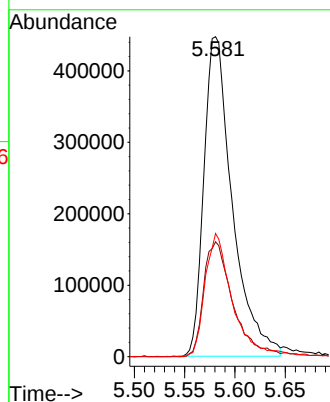
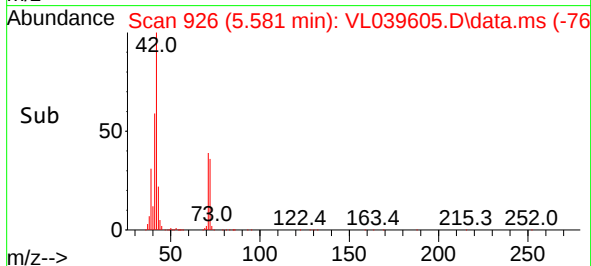
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion: 42 Resp: 88213
Ion Ratio Lower Upper
42 100
72 38.0 31.8 47.8
71 37.7 31.8 47.8

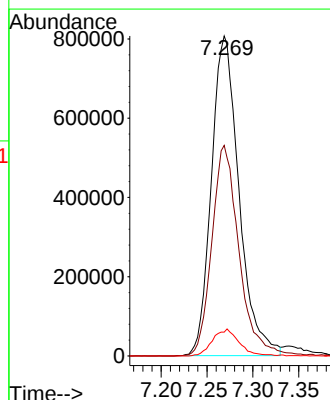
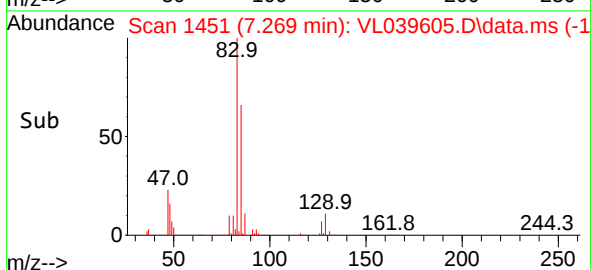
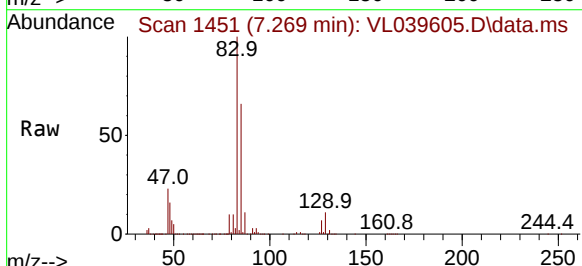
Manual Integrations
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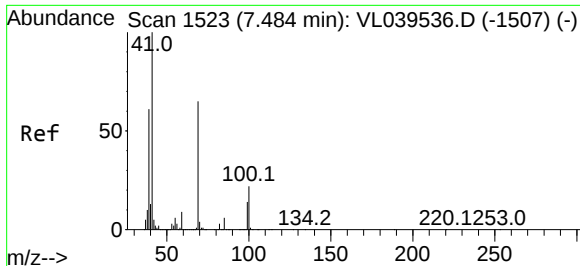
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
Bromodichloromethane
Concen: 11.026 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

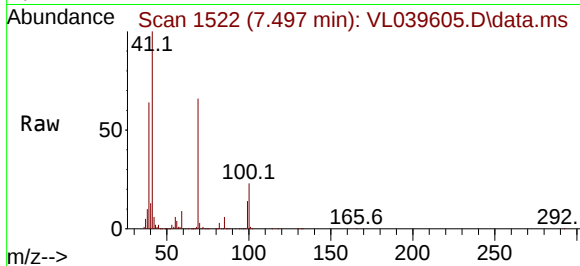
Tgt Ion: 83 Resp: 1689618
Ion Ratio Lower Upper
83 100
85 65.8 50.7 76.1
127 7.4 6.6 9.8





#43
Methyl Methacrylate
Concen: 11.801 ppbv
RT: 7.497 min Scan# 1523
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

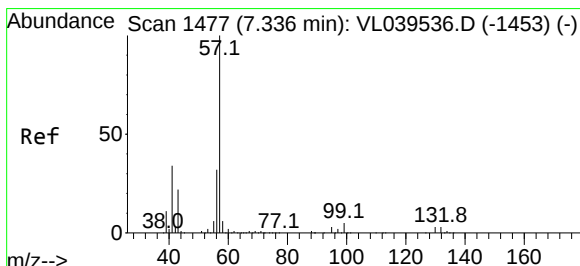
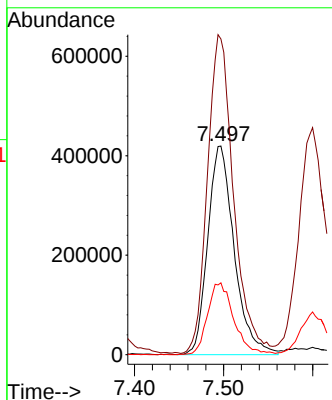
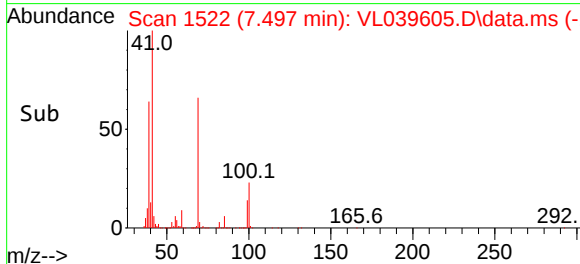
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



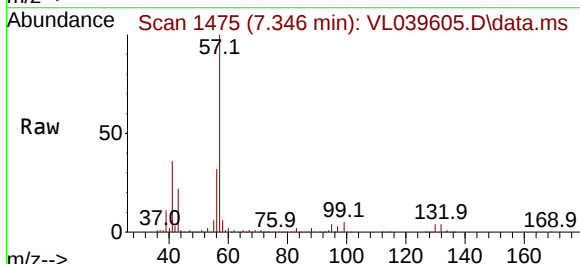
Tgt Ion: 69 Resp: 865158
Ion Ratio Lower Upper
69 100
41 152.0 120.8 181.2
100 34.3 27.8 41.6

Manual Integrations
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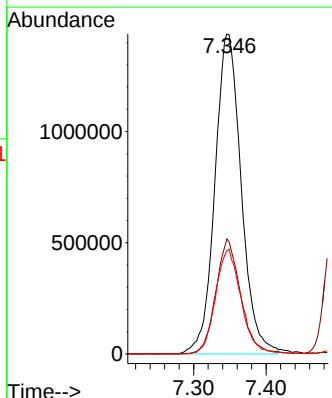
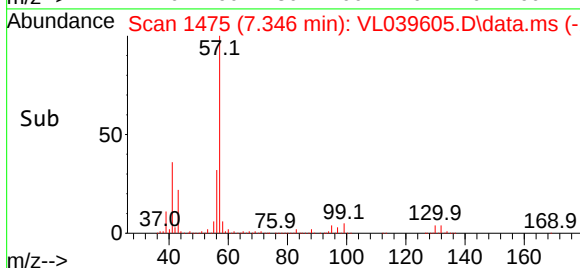
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

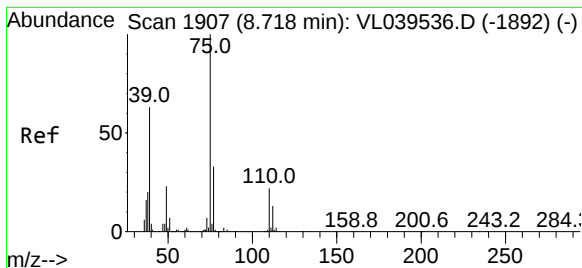


#44
2,2,4-Trimethylpentane
Concen: 10.588 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



Tgt Ion: 57 Resp: 3628862
Ion Ratio Lower Upper
57 100
41 33.8 27.4 41.2
56 31.7 24.5 36.7





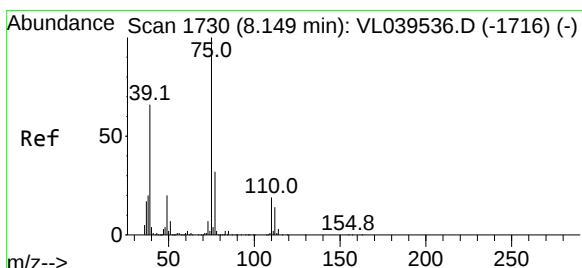
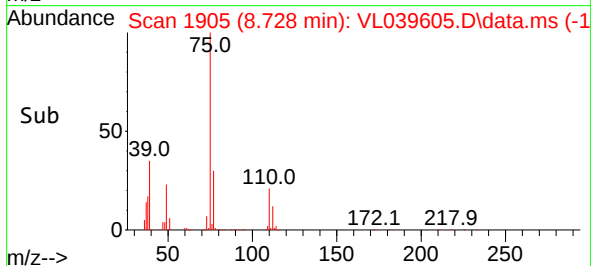
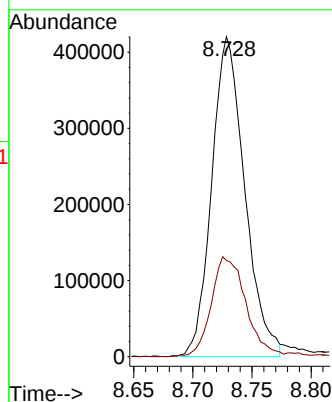
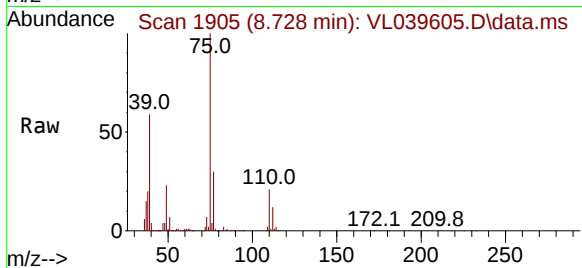
#45
t-1,3-Dichloropropene
Concen: 12.767 ppbv m
RT: 8.728 min Scan# 1907
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 75 Resp: 81510
Ion Ratio Lower Upper
75 100
77 30.1 24.6 36.8

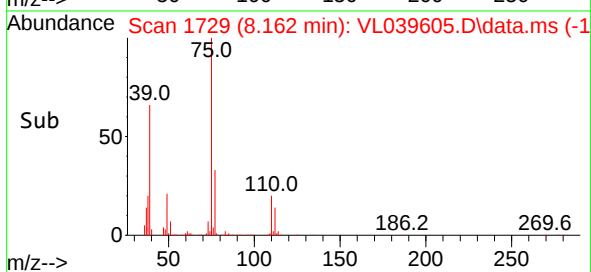
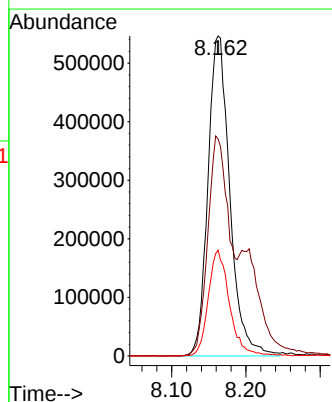
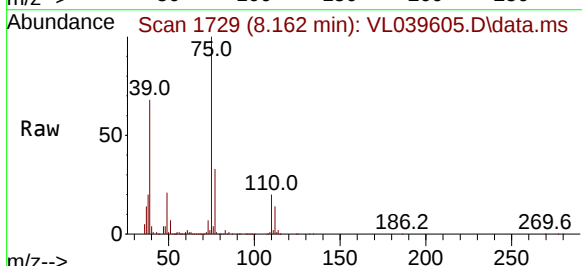
Manual Integrations
APPROVED

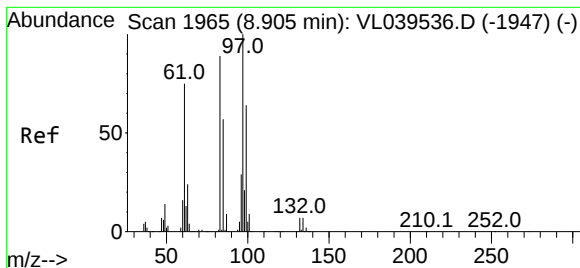
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#46
cis-1,3-Dichloropropene
Concen: 12.663 ppbv
RT: 8.162 min Scan# 1729
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

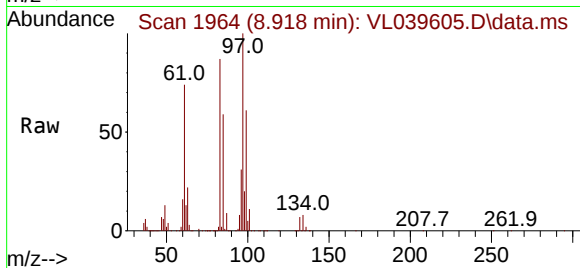
Tgt Ion: 75 Resp: 1119811
Ion Ratio Lower Upper
75 100
39 67.8 55.0 82.4
77 33.0 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 10.479 ppbv
RT: 8.918 min Scan# 1964
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

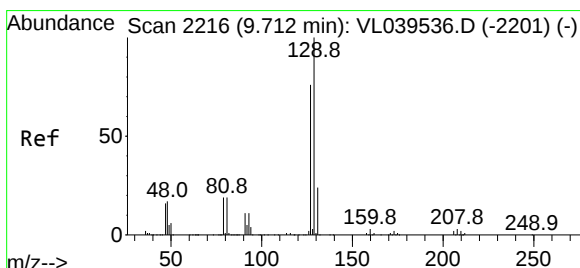
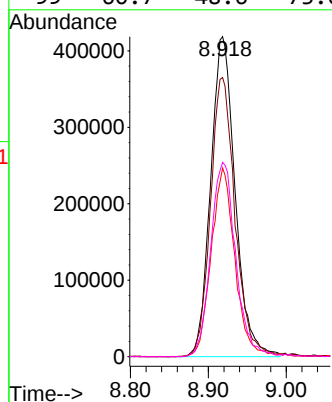
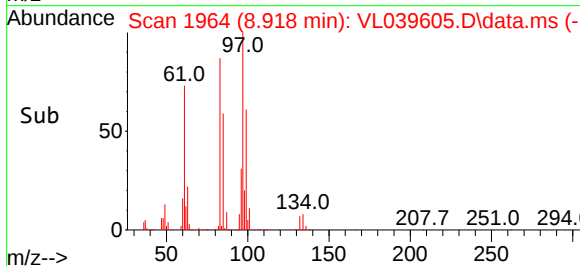
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion: 97 Resp: 914714
Ion Ratio Lower Upper
97 100
83 87.1 67.4 101.0
85 58.9 45.1 67.7
99 60.7 48.6 73.0

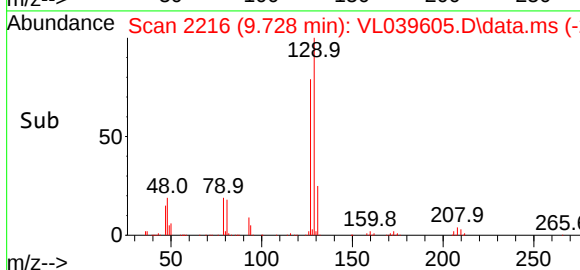
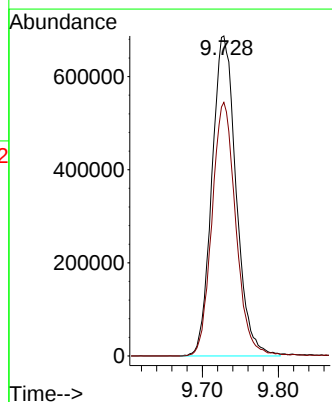
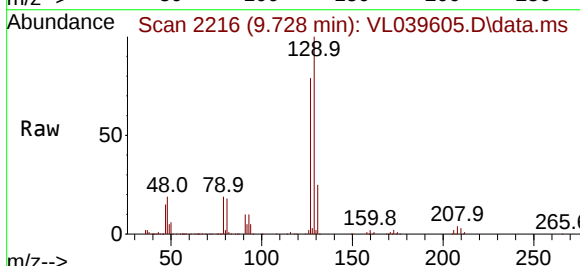
Manual Integrations
APPROVED

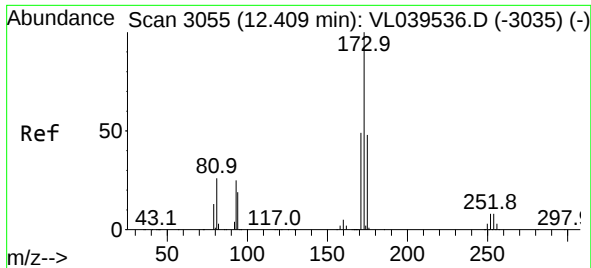
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Dibromochloromethane
Concen: 11.809 ppbv
RT: 9.728 min Scan# 2216
Delta R.T. 0.017 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

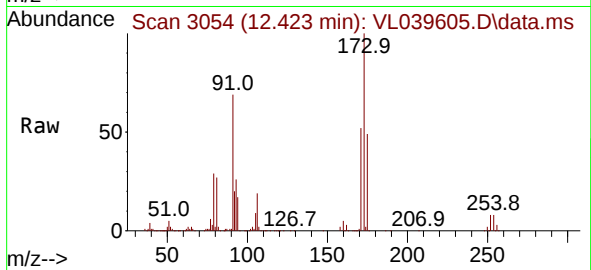
Tgt Ion:129 Resp: 1519518
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.9





#49
Bromoform
Concen: 12.337 ppbv
RT: 12.423 min Scan# 3055
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

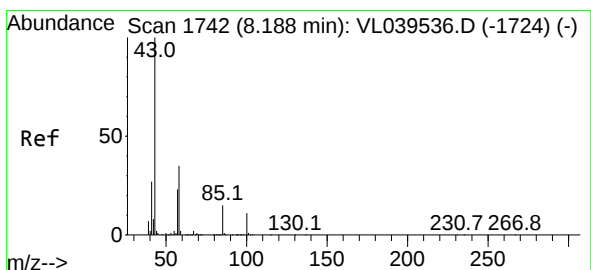
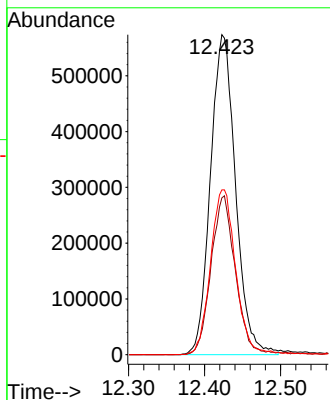
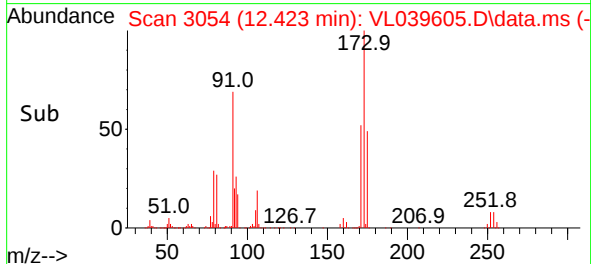
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion: 173 Resp: 131492
Ion Ratio Lower Upper
173 100
175 48.7 40.3 60.5
171 52.2 42.9 64.3

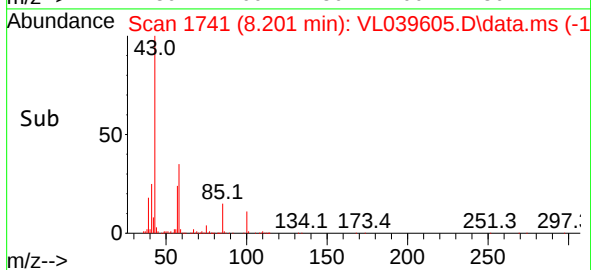
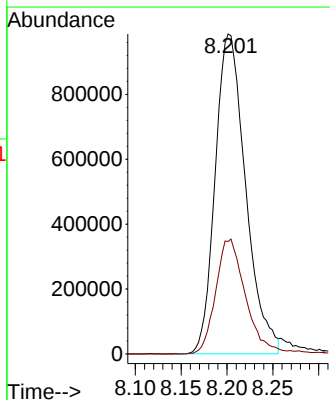
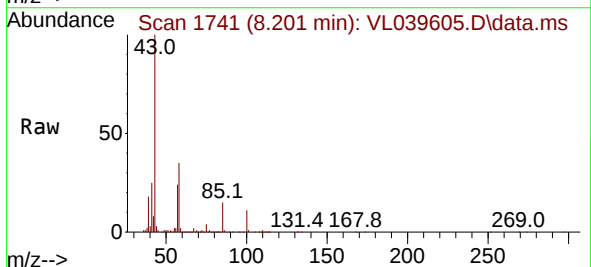
Manual Integrations
APPROVED

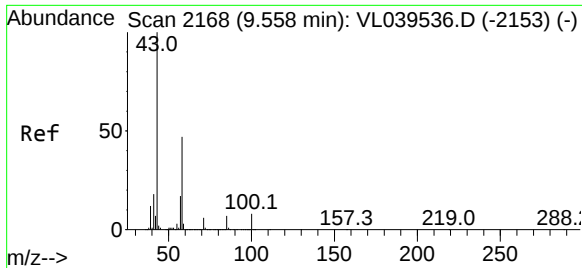
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#50
4-Methyl-2-Pentanone
Concen: 11.019 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

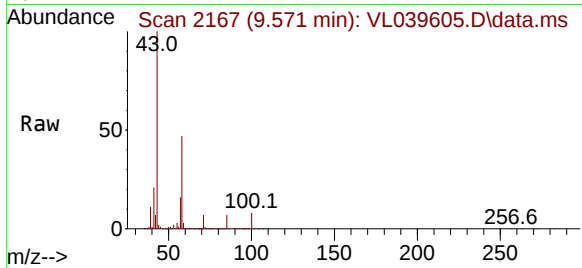
Tgt Ion: 43 Resp: 2276226
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2





#51
2-Hexanone
Concen: 11.839 ppbv
RT: 9.571 min Scan# 2167
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

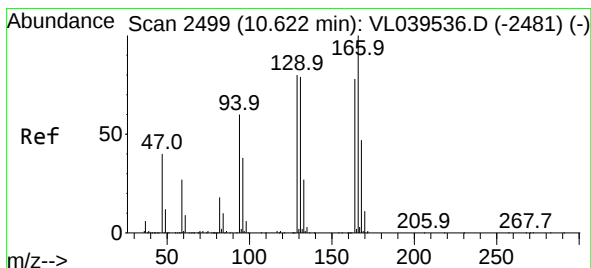
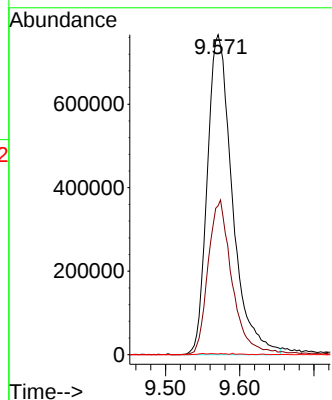
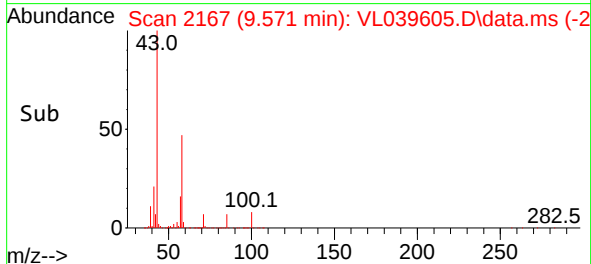
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



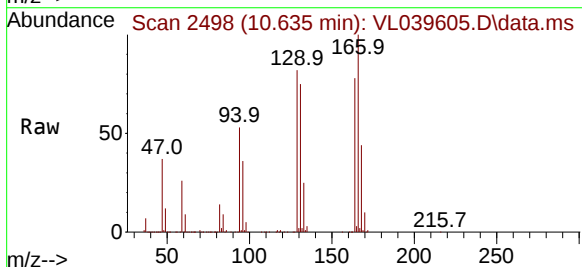
Tgt Ion: 43 Resp: 1799874
Ion Ratio Lower Upper
43 100
58 47.0 38.4 57.6
98 0.5 0.3 0.5

Manual Integrations
APPROVED

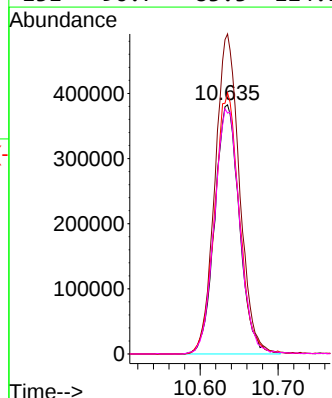
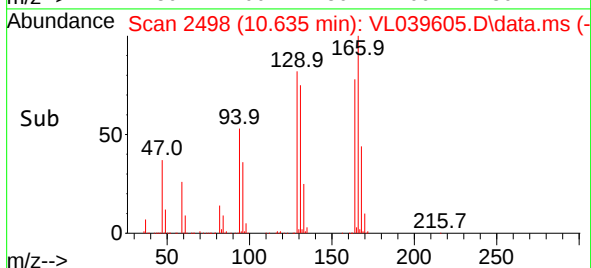
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

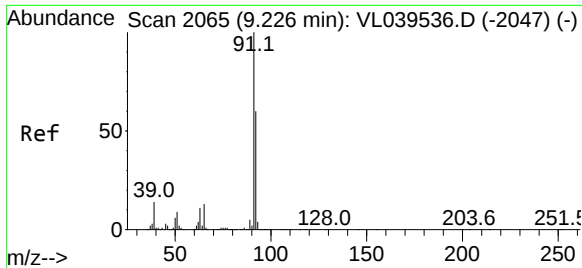


#52
Tetrachloroethene
Concen: 10.927 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



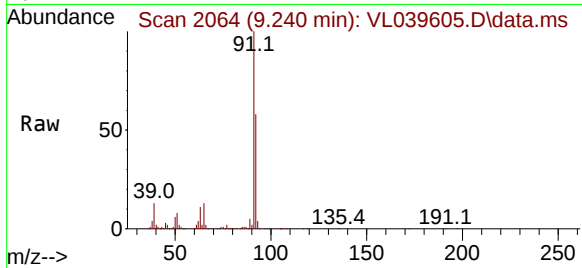
Tgt Ion:164 Resp: 840453
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.2
129 104.8 85.8 128.8
131 96.7 83.3 124.9





#53
Toluene
Concen: 11.314 ppbv
RT: 9.240 min Scan# 2065
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

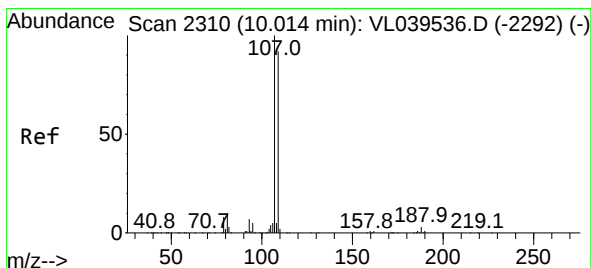
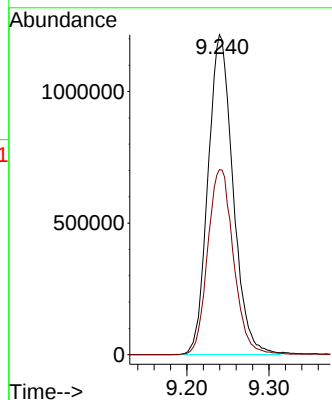
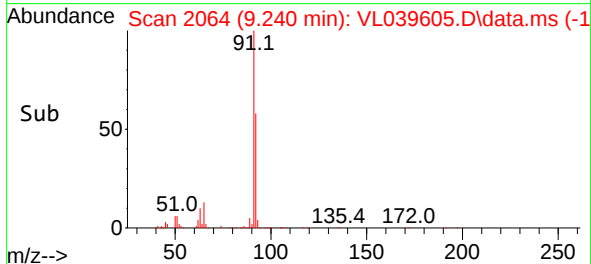
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



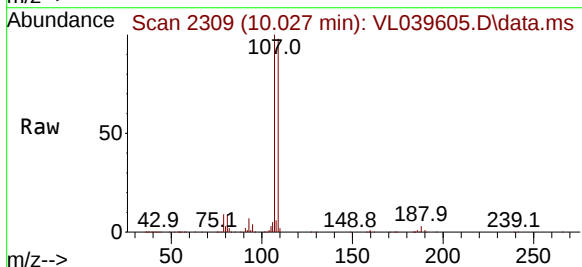
Tgt Ion: 91 Resp: 2574238
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.2

Manual Integrations
APPROVED

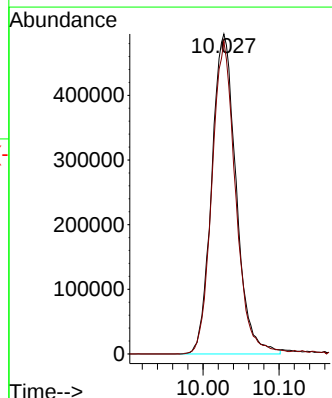
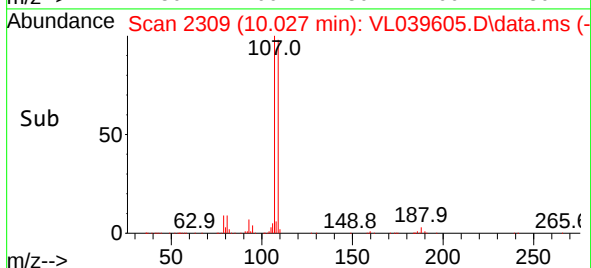
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

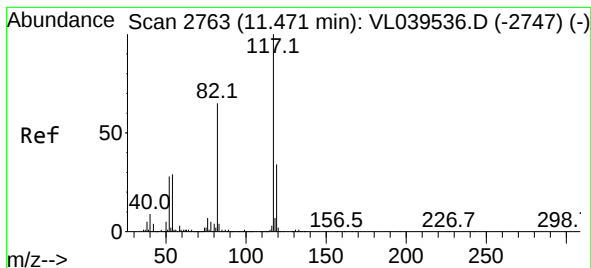


#54
1,2-Dibromoethane
Concen: 11.297 ppbv
RT: 10.027 min Scan# 2309
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



Tgt Ion:107 Resp: 1103041
Ion Ratio Lower Upper
107 100
109 97.6 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.487 min Scan# 2763

Delta R.T. 0.017 min

Lab File: VL039605.D

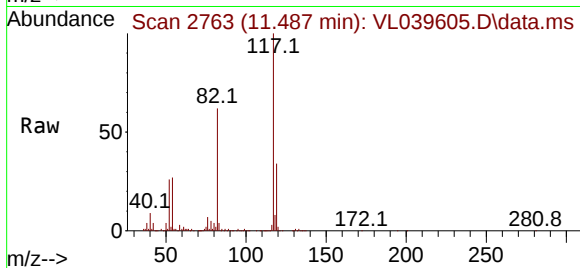
Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01



Tgt Ion:117 Resp: 257134

Ion Ratio Lower Upper

117 100

82 61.2 50.8 76.2

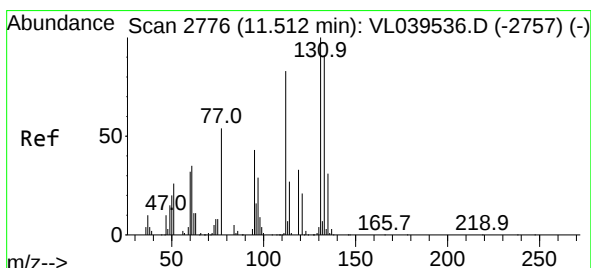
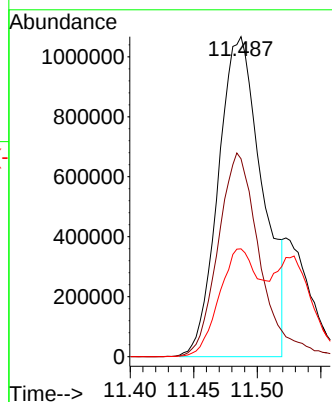
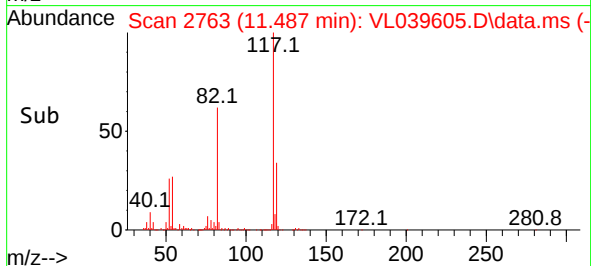
119 28.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.583 ppbv

RT: 11.529 min Scan# 2776

Delta R.T. 0.017 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

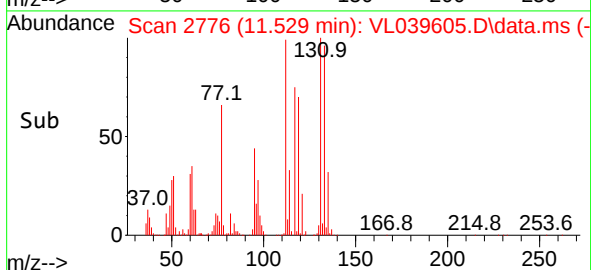
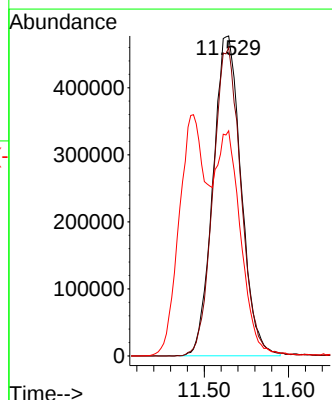
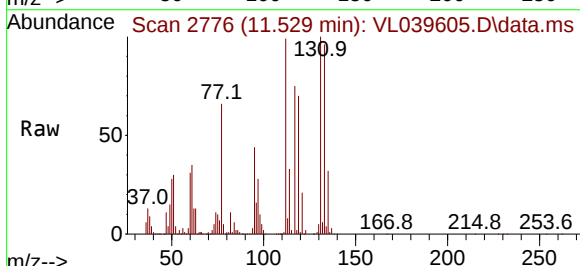
Tgt Ion:131 Resp: 1105746

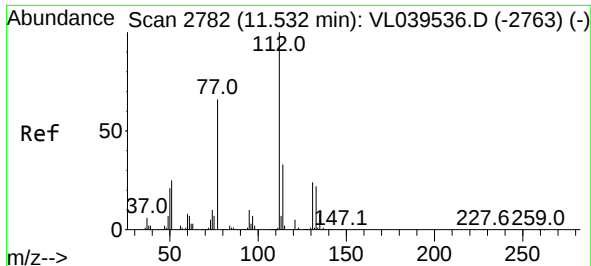
Ion Ratio Lower Upper

131 100

133 96.2 76.8 115.2

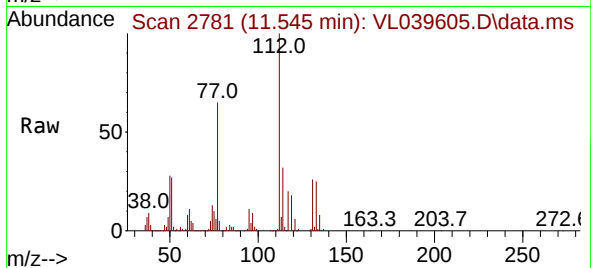
119 61.5 46.2 69.4





#57
Chlorobenzene
Concen: 10.341 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

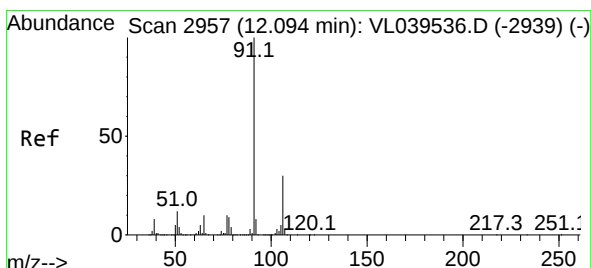
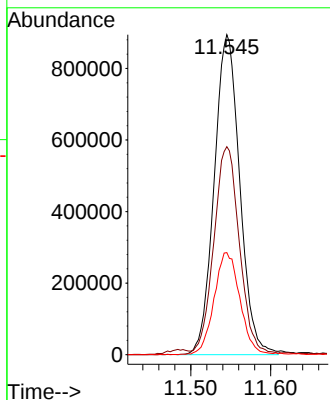
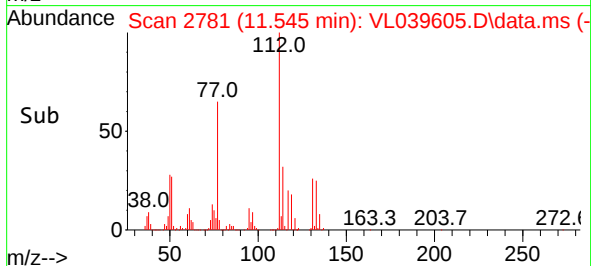
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



Tgt Ion:112 Resp: 198365
Ion Ratio Lower Upper
112 100
77 64.1 51.0 76.4
114 31.8 27.5 33.6

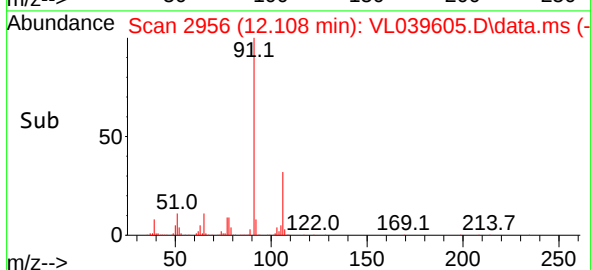
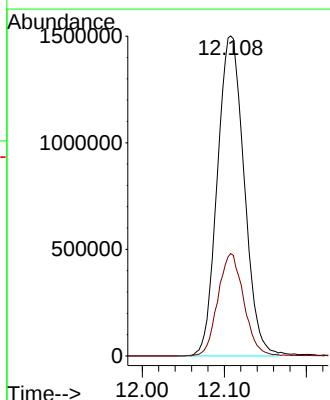
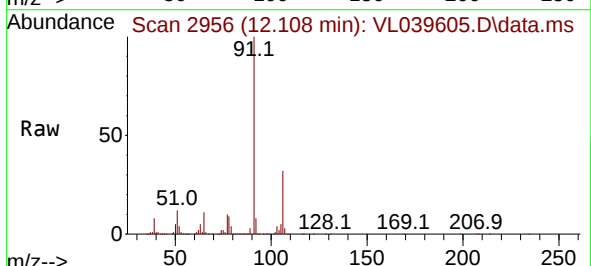
Manual Integrations
APPROVED

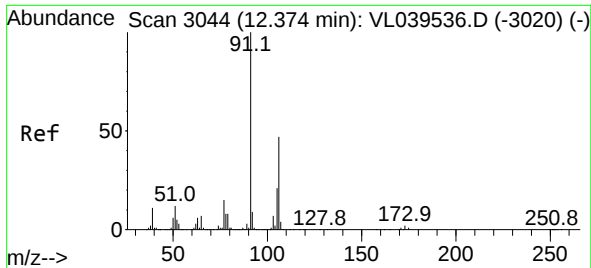
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#58
Ethyl Benzene
Concen: 11.539 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion: 91 Resp: 3408883
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0





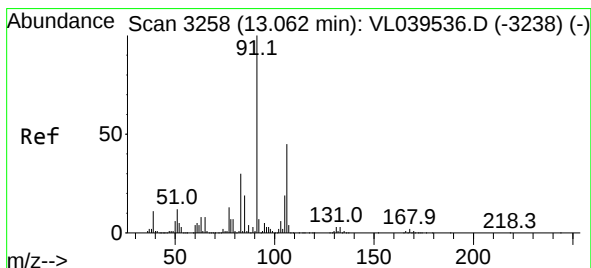
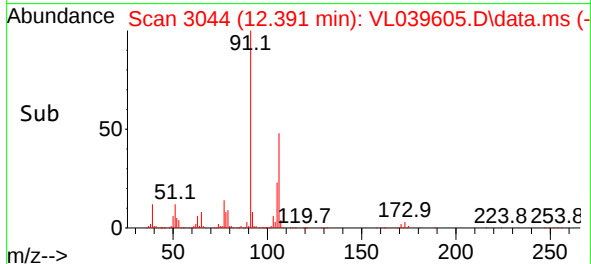
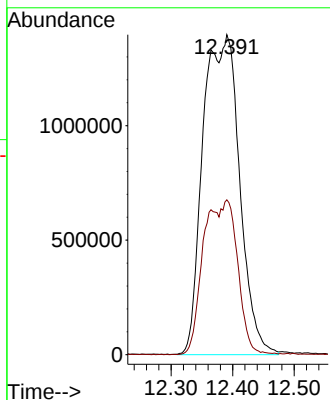
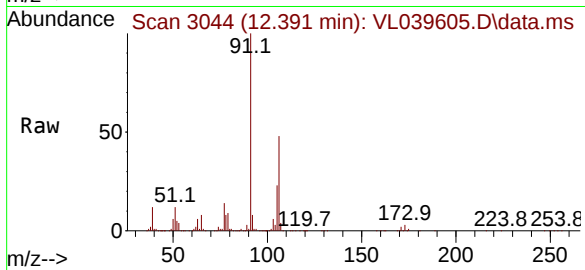
#59
m/p-Xylene
Concen: 21.745 ppbv m
RT: 12.391 min Scan# 3044
Delta R.T. 0.016 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 91 Resp: 576341
Ion Ratio Lower Upper
91 100
106 45.3 35.4 53.2

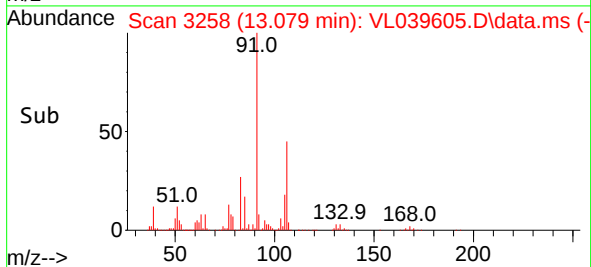
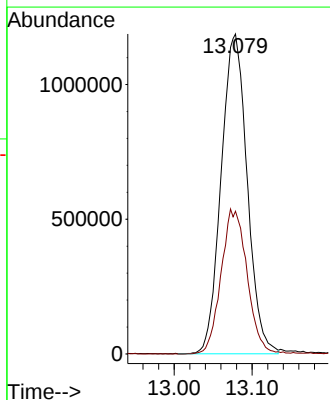
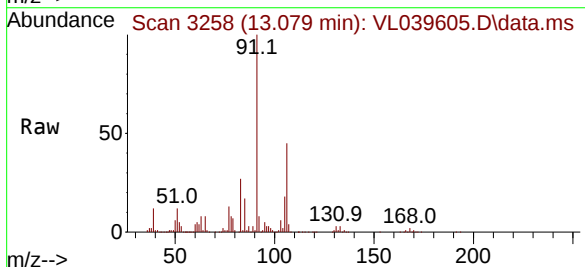
Manual Integrations
APPROVED

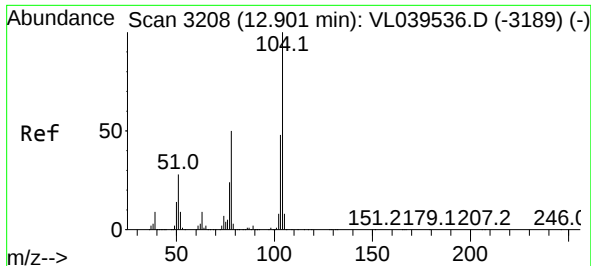
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#60
o-Xylene
Concen: 10.830 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.017 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

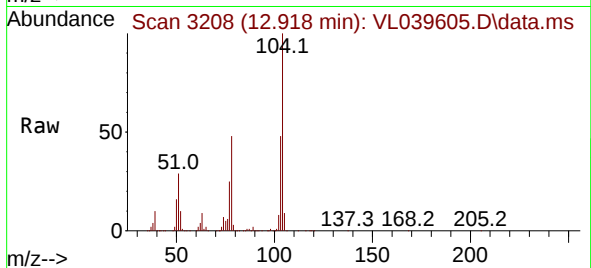
Tgt Ion: 91 Resp: 2755130
Ion Ratio Lower Upper
91 100
106 45.5 22.4 67.3





#61
Styrene
Concen: 12.538 ppbv
RT: 12.918 min Scan# 3189
Delta R.T. 0.017 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

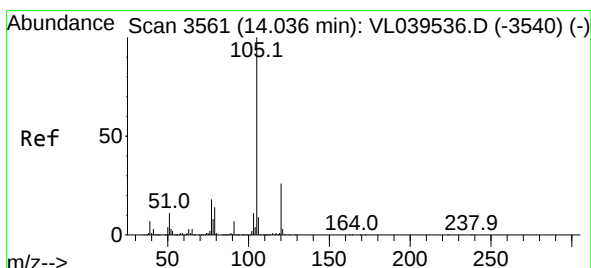
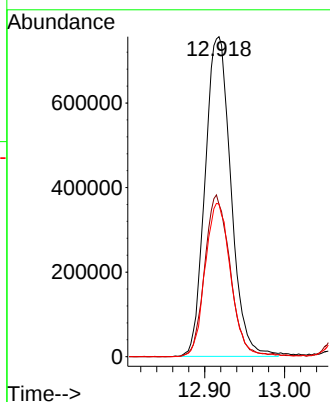
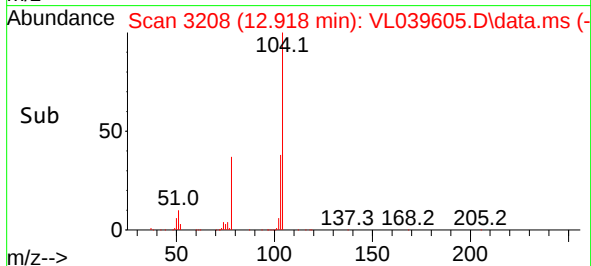
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



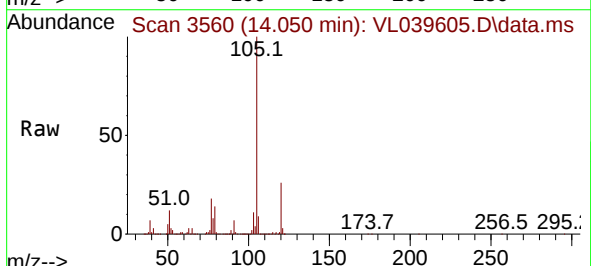
Tgt Ion:104 Resp: 1698884
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 48.0 38.7 58.1

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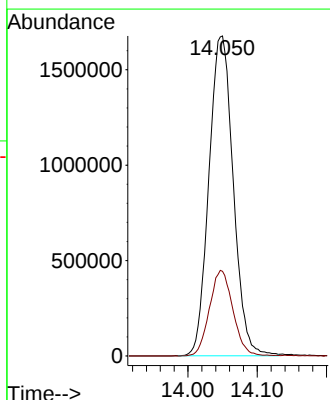
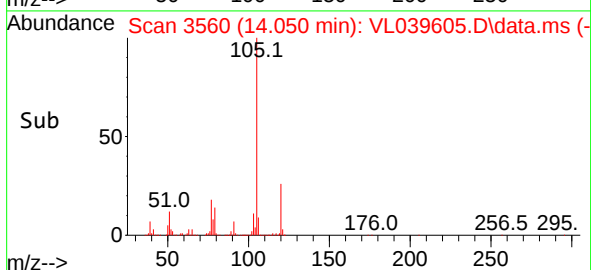
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

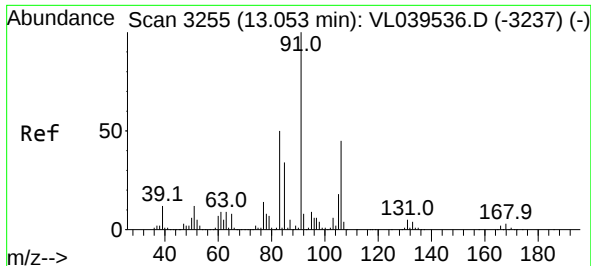


#62
Isopropylbenzene
Concen: 10.632 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



Tgt Ion:105 Resp: 4090231
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1





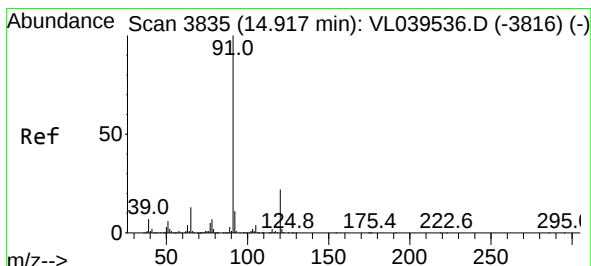
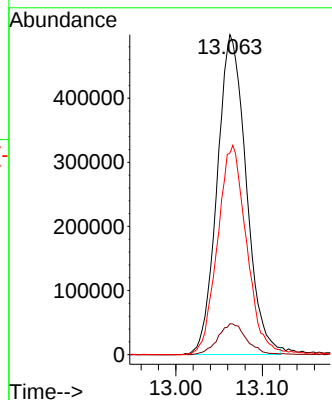
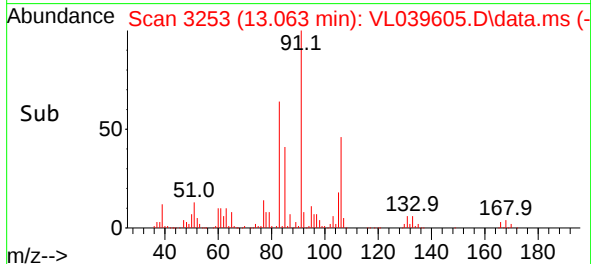
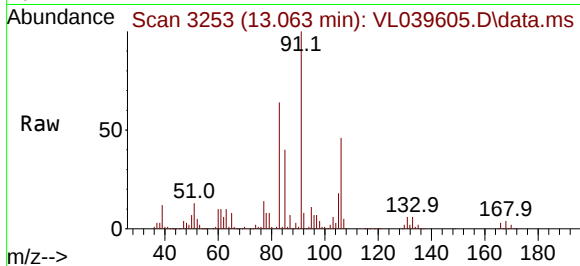
#63
1,1,2,2-Tetrachloroethane
Concen: 9.623 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01

Tgt Ion: 83 Resp: 115940
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 66.5 33.1 99.5

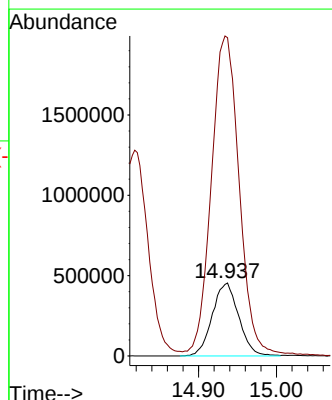
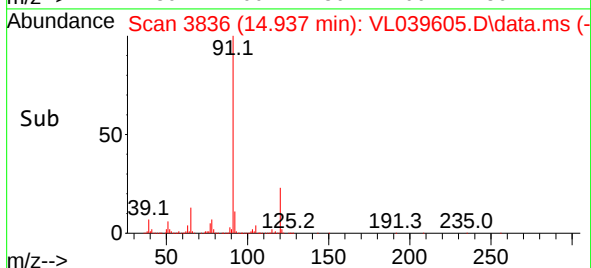
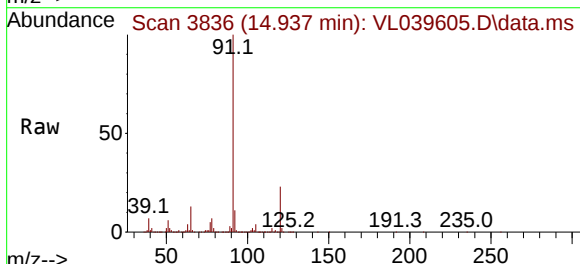
Manual Integrations
APPROVED

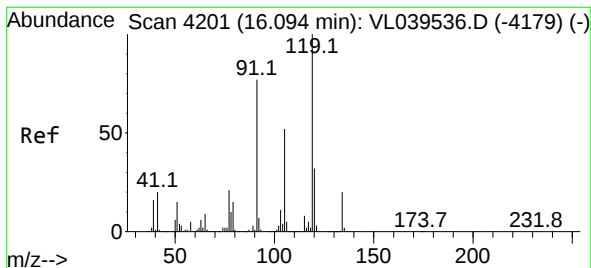
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#64
n-propylbenzene
Concen: 10.694 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.020 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

Tgt Ion:120 Resp: 1069257
Ion Ratio Lower Upper
120 100
91 466.7 367.2 550.8





#65

tert-Butylbenzene

Concen: 10.730 ppbv

RT: 16.108 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01

Tgt Ion:119 Resp: 3669290

Ion Ratio Lower Upper

119 100

91 78.9 63.4 95.2

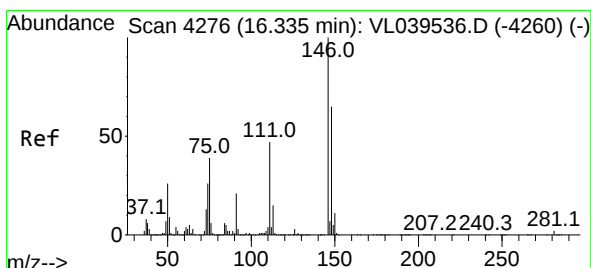
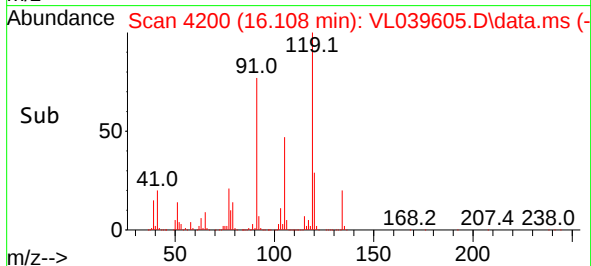
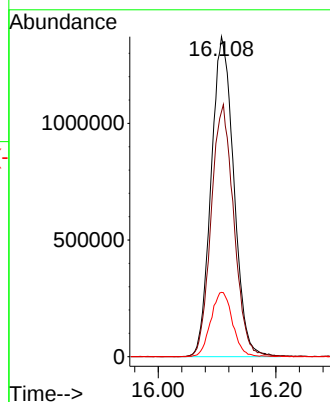
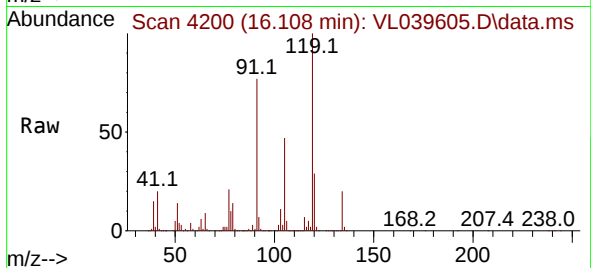
134 19.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#66

Benzyl Chloride

Concen: 12.891 ppbv

RT: 16.345 min Scan# 4274

Delta R.T. 0.010 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

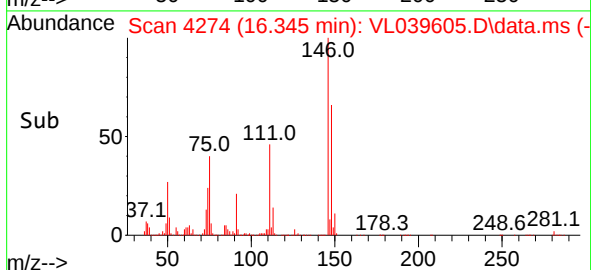
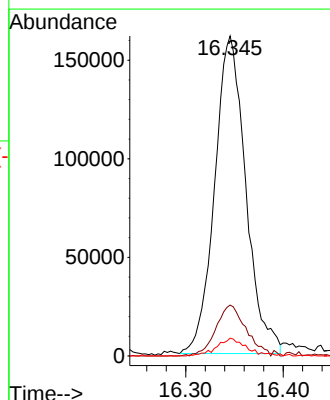
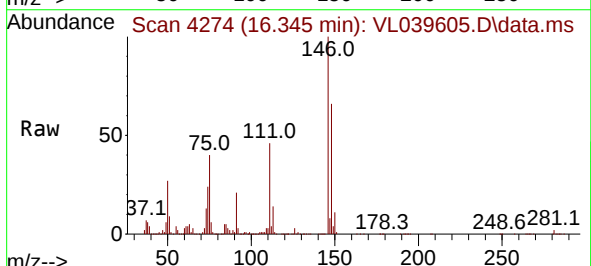
Tgt Ion: 91 Resp: 358096

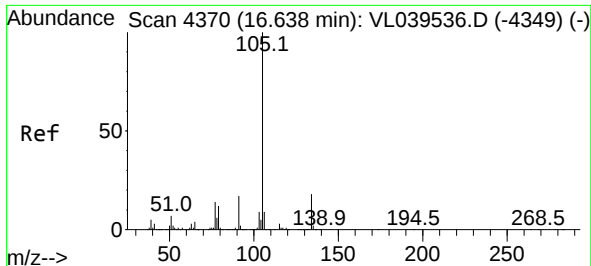
Ion Ratio Lower Upper

91 100

126 15.7 13.1 19.7

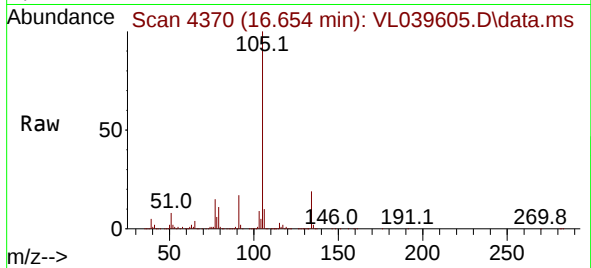
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.523 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.017 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

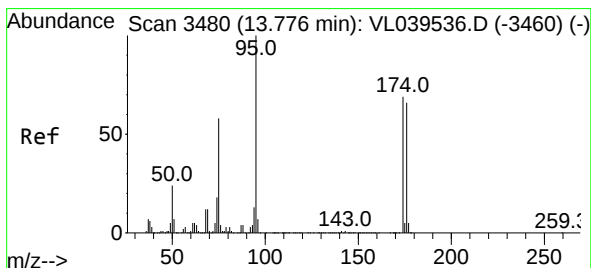
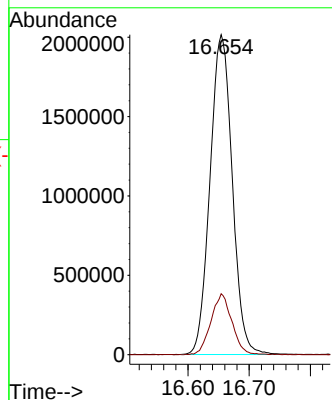
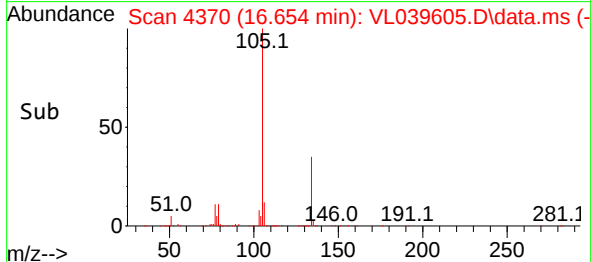
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01



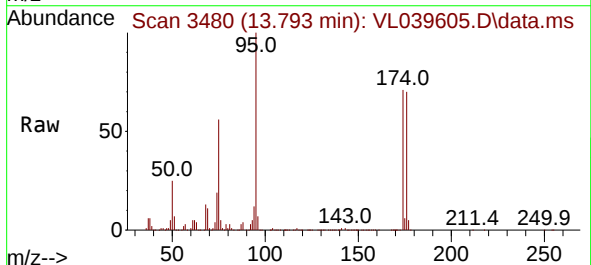
Tgt Ion:105 Resp: 509723
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.8 22.2

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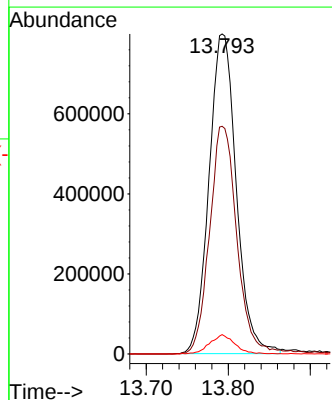
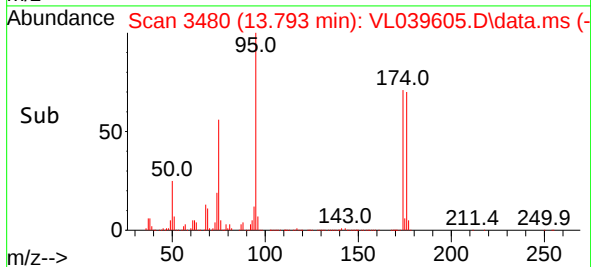
Reviewed By :Semsettin Yesilyurt 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

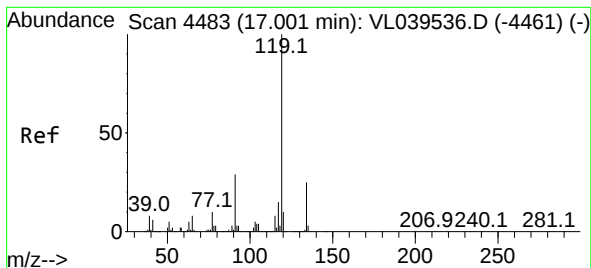


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.513 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.017 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25



Tgt Ion: 95 Resp: 1845385
 Ion Ratio Lower Upper
 95 100
 174 72.2 55.9 83.9
 175 5.6 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.638 ppbv

RT: 17.014 min Scan# 4483

Delta R.T. 0.013 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01

Tgt Ion:119 Resp: 427715

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

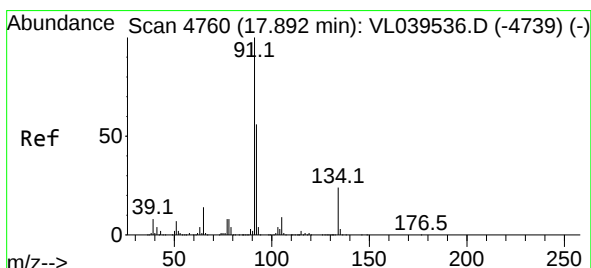
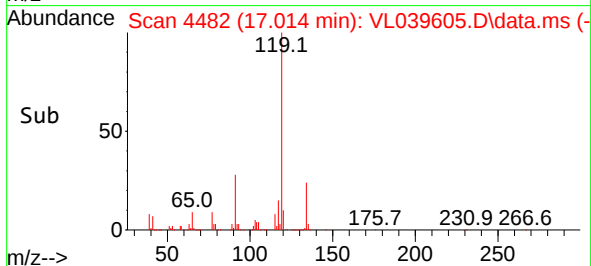
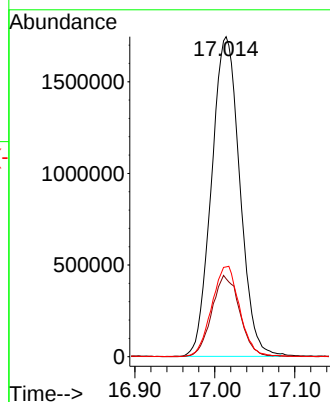
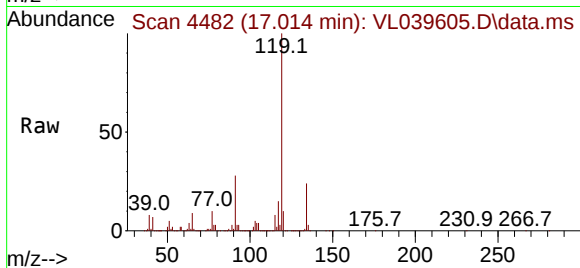
91 27.9 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#70

n-Butylbenzene

Concen: 10.779 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.010 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

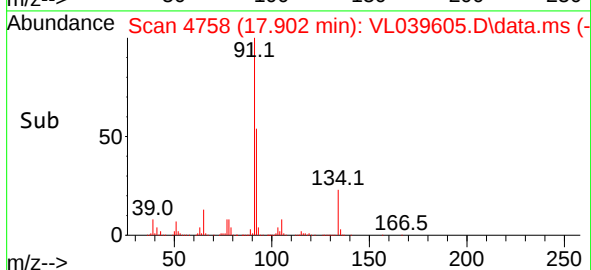
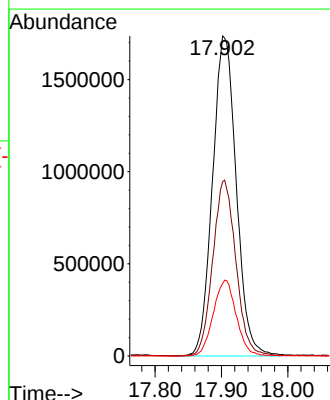
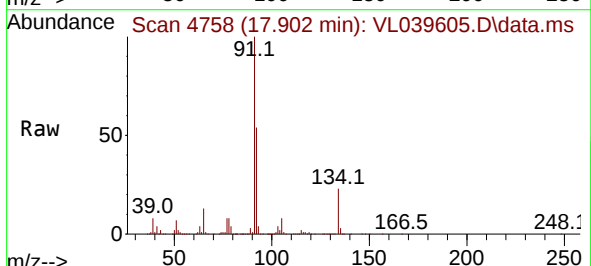
Tgt Ion: 91 Resp: 4312009

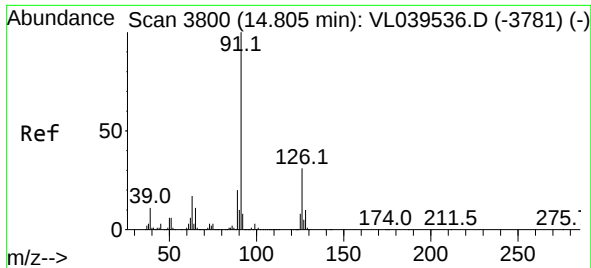
Ion Ratio Lower Upper

91 100

92 53.6 43.4 65.2

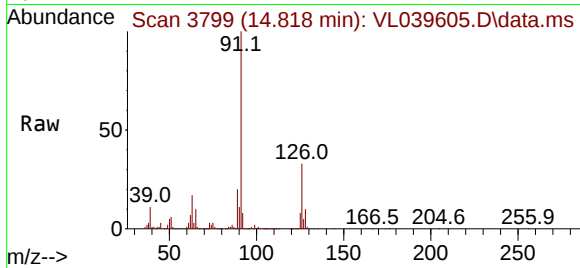
134 23.1 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.781 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25

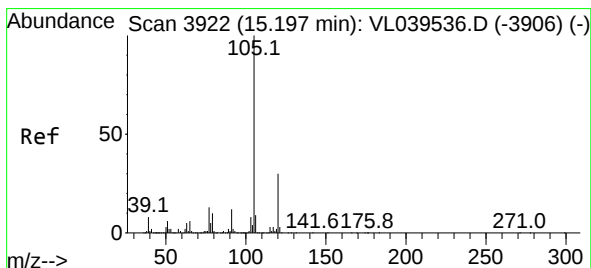
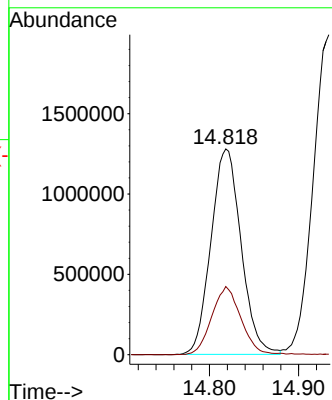
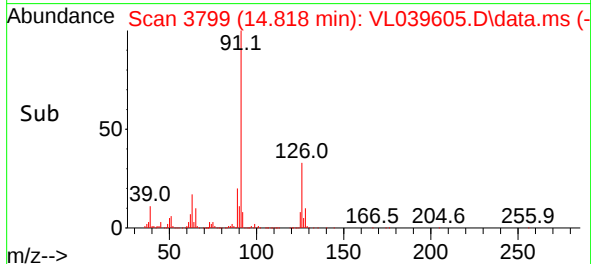
Instrument :
MSVOA_L
ClientSampleId :
VL0831ABS01



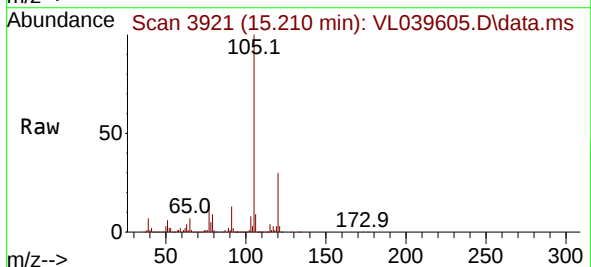
Tgt Ion: 91 Resp: 3003978
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8

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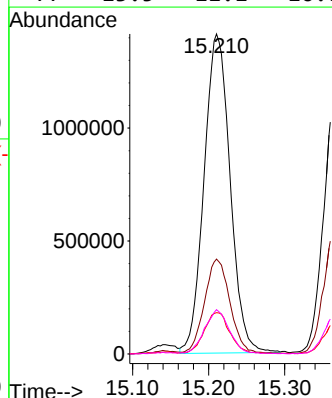
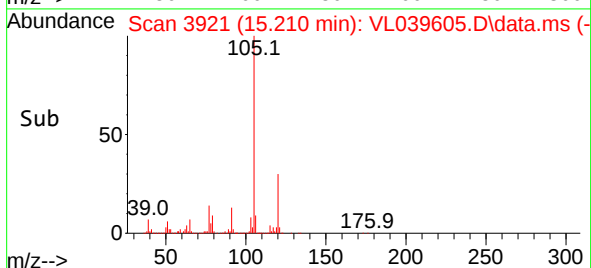
Reviewed By :Semsettin Yesilyurt 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

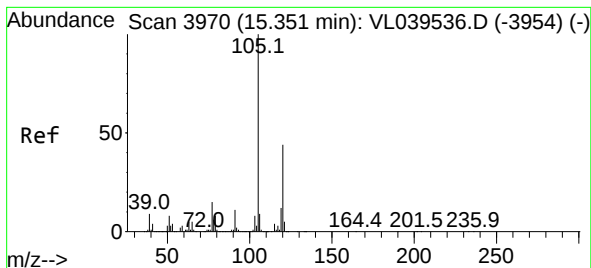


#72
4-Ethyltoluene
Concen: 11.304 ppbv
RT: 15.210 min Scan# 3921
Delta R.T. 0.013 min
Lab File: VL039605.D
Acq: 31 Aug 2022 12:25



Tgt Ion:105 Resp: 3362775
Ion Ratio Lower Upper
105 100
120 29.4 24.2 36.2
91 12.7 10.2 15.4
77 13.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.936 ppbv

RT: 15.371 min Scan# 3971

Delta R.T. 0.020 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01

Tgt Ion:105 Resp: 297297

Ion Ratio Lower Upper

105 100

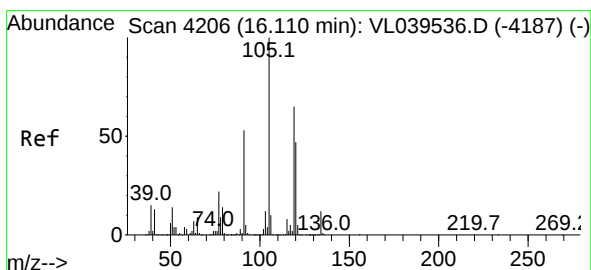
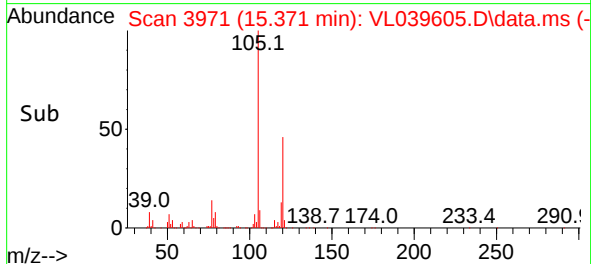
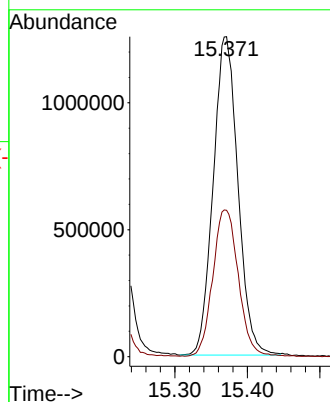
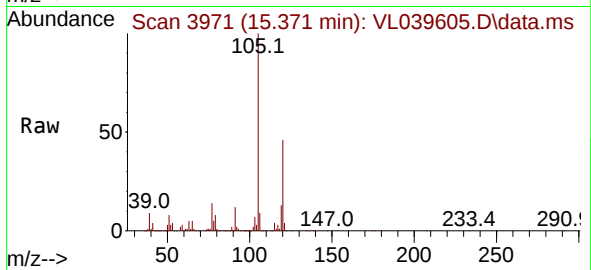
120 45.9 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.567 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.013 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

Tgt Ion:105 Resp: 3200898

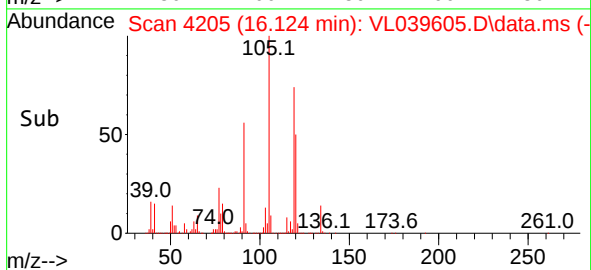
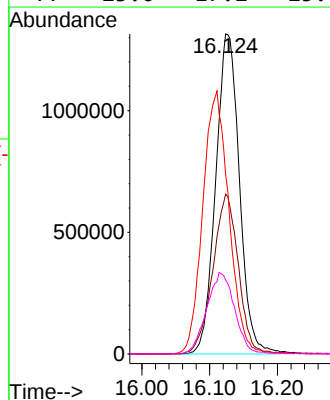
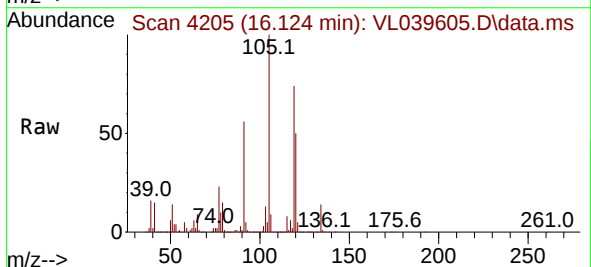
Ion Ratio Lower Upper

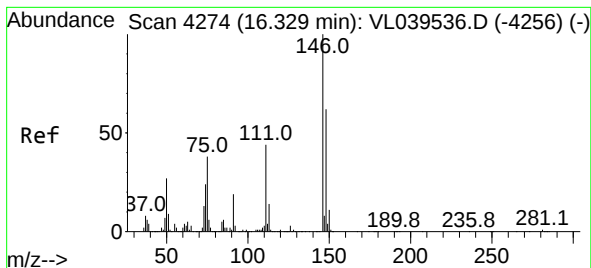
105 100

120 49.8 39.5 59.3

91 55.6 39.2 58.8

77 23.0 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.642 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.020 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01

Tgt Ion:146 Resp: 195991

Ion Ratio Lower Upper

146 100

111 45.6 22.9 68.7

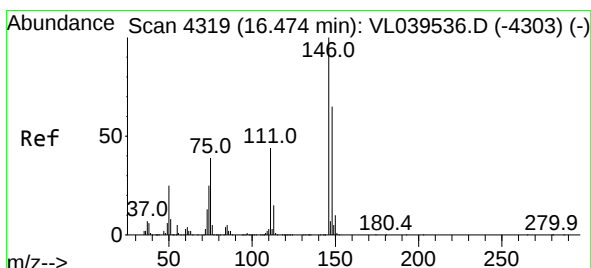
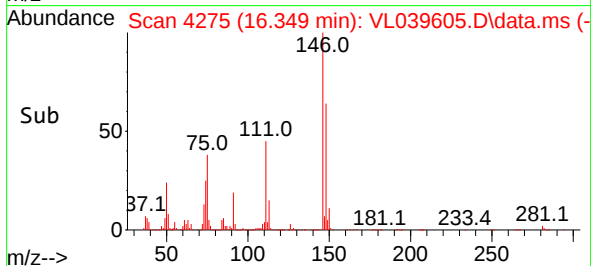
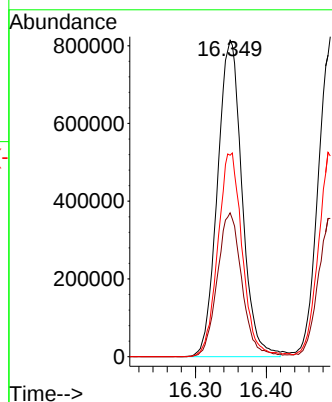
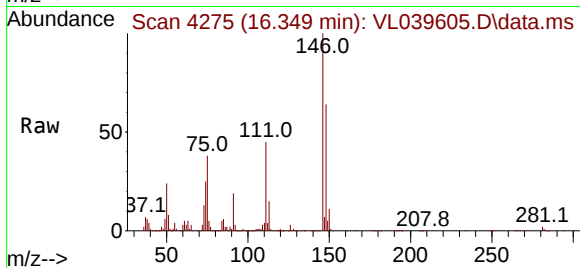
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#76

1,4-Dichlorobenzene

Concen: 10.439 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.017 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

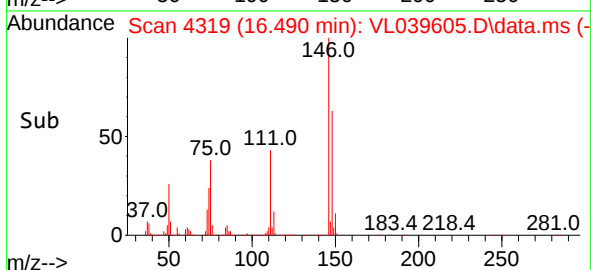
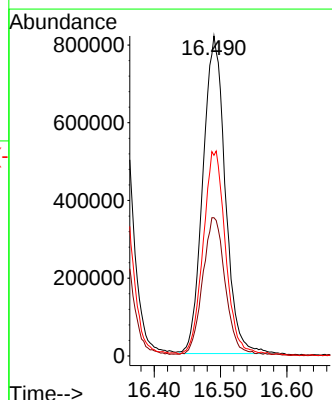
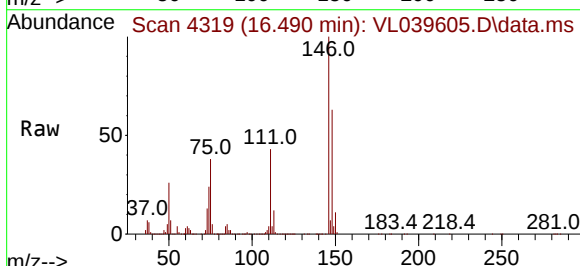
Tgt Ion:146 Resp: 1915342

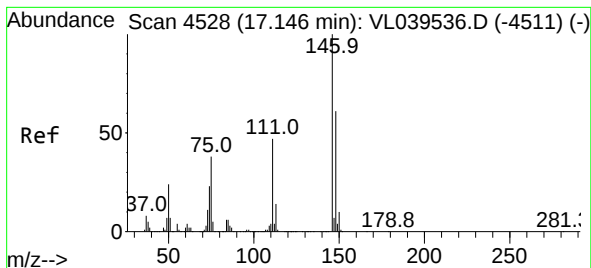
Ion Ratio Lower Upper

146 100

111 44.9 22.9 68.8

148 65.8 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 10.518 ppbv

RT: 17.162 min Scan# 4528

Delta R.T. 0.017 min

Lab File: VL039605.D

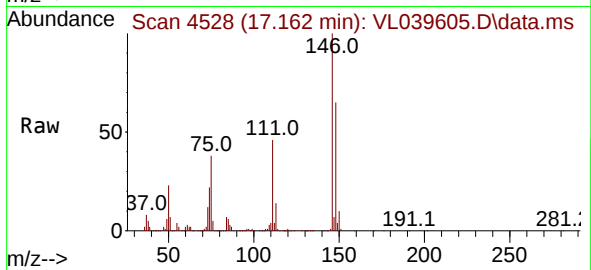
Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01



Tgt Ion:146 Resp: 1896718

Ion Ratio Lower Upper

146 100

111 46.2 23.8 71.5

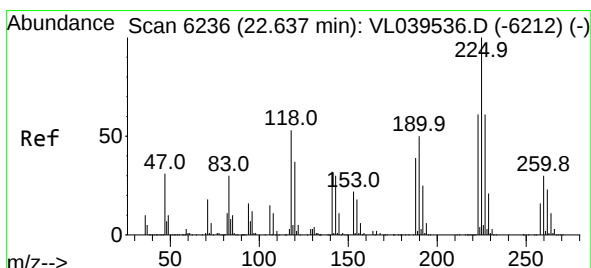
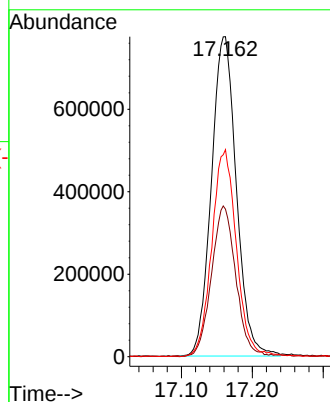
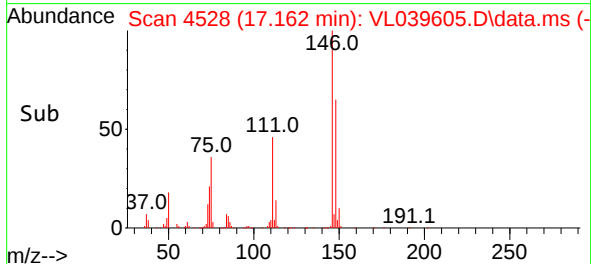
148 64.2 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.664 ppbv

RT: 22.651 min Scan# 6235

Delta R.T. 0.013 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

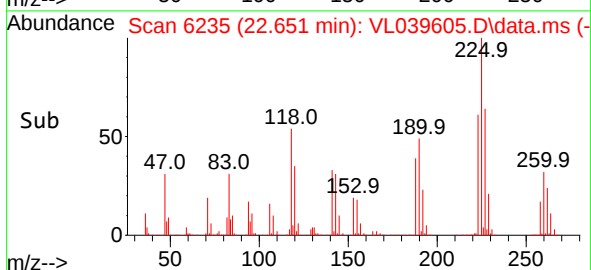
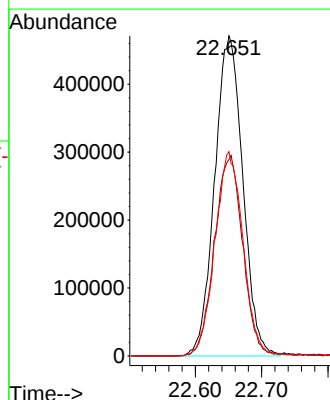
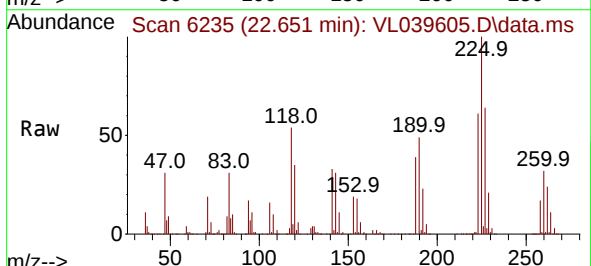
Tgt Ion:225 Resp: 1387967

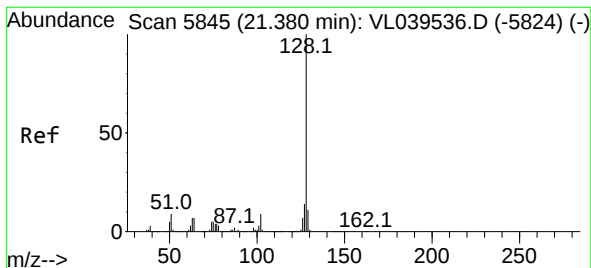
Ion Ratio Lower Upper

225 100

223 63.2 51.8 77.6

227 63.7 51.4 77.2





#79

Naphthalene

Concen: 12.968 ppbv

RT: 21.400 min Scan# 5845

Delta R.T. 0.020 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VL0831ABS01

Tgt Ion:128 Resp: 279745

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

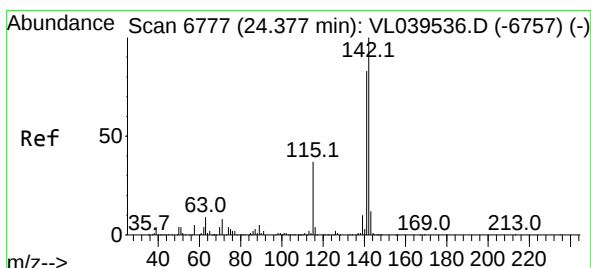
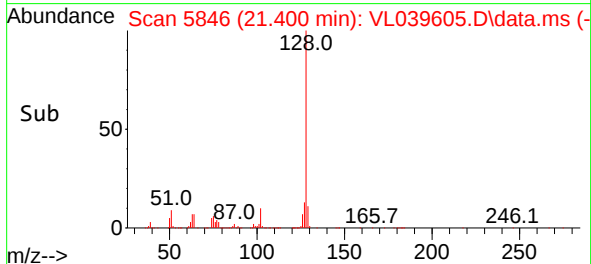
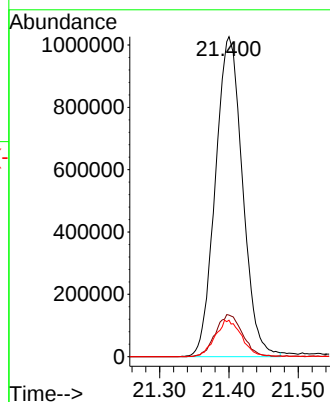
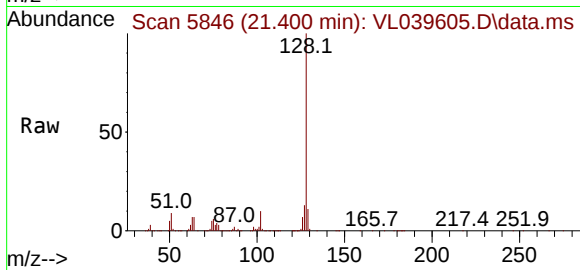
129 11.4 8.8 13.2

Manual Integrations

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#80

Naphthalene,2-methyl-

Concen: 14.722 ppbv

RT: 24.393 min Scan# 6777

Delta R.T. 0.017 min

Lab File: VL039605.D

Acq: 31 Aug 2022 12:25

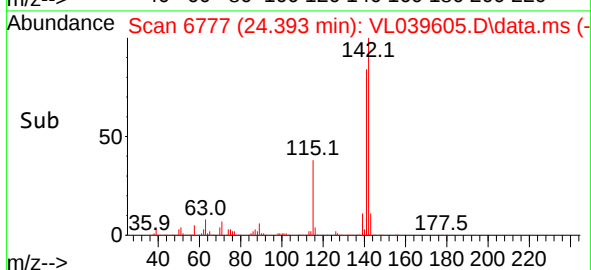
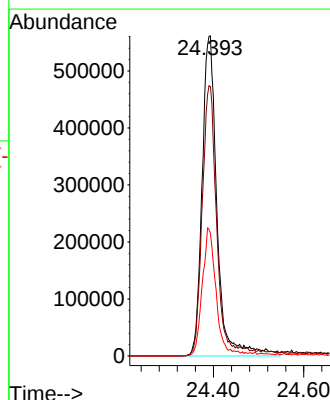
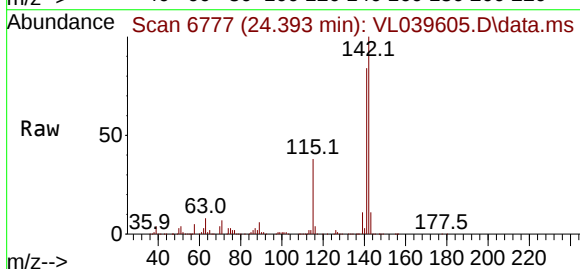
Tgt Ion:142 Resp: 1288903

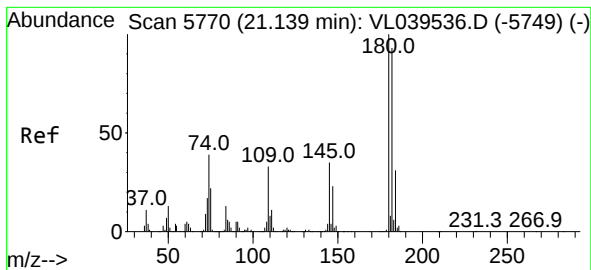
Ion Ratio Lower Upper

142 100

141 85.0 68.9 103.3

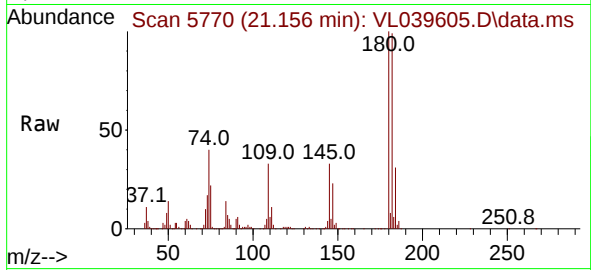
115 38.3 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.921 ppbv m
 RT: 21.156 min Scan# 51
 Delta R.T. 0.017 min
 Lab File: VL039605.D
 Acq: 31 Aug 2022 12:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0831ABS01



Tgt Ion:180 Resp: 1573172
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.1 115.7
 184 30.7 24.3 36.5

Manual Integrations
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